

*Report on PCB Investigation
for Willow Brook and Willow Brook Pond
(Phase III)*

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Pratt & Whitney
East Hartford, Connecticut

April 1999

PREPARED FOR:

PRATT & WHITNEY
400 Main Street
East Hartford, Connecticut

PREPARED BY:



LOUREIRO ENGINEERING ASSOCIATES, INC.
100 NORTHWEST DRIVE
PLAINVILLE, CT 06062

Comm. No. 68VD151

**REPORT ON
PCB INVESTIGATION
FOR WILLOW BROOK AND
WILLOW BROOK POND**

PHASE III

**PRATT & WHITNEY
EAST HARTFORD, CT**

Pratt & Whitney
400 Main Street
East Hartford, CT 06108



April 16, 1999

**Ms. Lori Saliby
State of Connecticut
Department of Environmental Protection
Bureau of Waste Management
79 Elm Street
Hartford, CT 06106**

**Mr. Richard Mason
State of Connecticut
Department of Environmental Protection
Bureau of Water Management
79 Elm Street
Hartford, CT 06106**

**RE: Report on PCB Investigation
for Willow Brook and
Willow Brook Pond– Phase III
NOV No. PCB 97-08**

Dear Ms. Saliby and Mr. Mason:

We are herein submitting the *Report on PCB Investigation for Willow Brook and Willow Brook Pond* presenting the results of the third phase of investigations performed between June 10 and December 4, 1998. The investigation was performed to provide information on the lateral and vertical extent of the contamination within and in the general vicinity of Willow Brook and Willow Brook Pond. Samples were also collected from the wetland area and other adjoining properties. Groundwater samples were also collected from monitoring wells installed in the perimeter of Willow Brook Pond.

This report is a follow-up to two documents previously submitted to DEP in response to the Notice of Violation (NOV) No. PCB 97-08 issued by the DEP and dated November 7, 1997. The previous two reports provided the results of sediment sampling within Willow Brook and Willow Brook Pond and presented the results of the investigation of potential sources in the vicinity of the pond.

State of Connecticut DEP

April 16, 1999

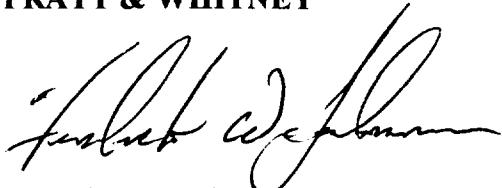
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Additional groundwater investigations are recommended. A remediation option evaluation will also be performed to identify viable remediation alternatives.

Should you have any questions, please do not hesitate to contact me at 565-0220.

Sincerely,

PRATT & WHITNEY



Frederick W. Johnson
Director of Environmental Programs & Administration
Group Environment, Health and Safety

**REPORT ON
PCB INVESTIGATION
FOR WILLOW BROOK AND
WILLOW BROOK POND – PHASE III**

**PRATT & WHITNEY
EAST HARTFORD, CT**

April 1999

Prepared for

**PRATT & WHITNEY
400 Main Street
East Hartford, Connecticut**

Prepared by

**LOUREIRO ENGINEERING ASSOCIATES
100 Northwest Drive
Plainville, Connecticut**

LEA Comm. No. 68VD151

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ACRONYMS

DEP	State of Connecticut Department of Environmental Protection
DI	Deionized
DPH	State of Connecticut Department of Public Health
EPA	Environmental Protection Agency
ETAL	Experimental Test Airport Laboratory
LEA	Loureiro Engineering Associates
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
PCBs	Polychlorinated Biphenyls
PVC	Poly vinyl Chloride
QA/QC	Quality Assurance/Quality Control
SOPs	Standard Operating Procedures
SVOCs	Semivolatile Organic Compounds
TOC	Total Organic Carbon
TPH	Total Petroleum Hydrocarbons
VCAP	Voluntary Corrective Action Program
VOCs	Volatile Organic Compounds

1. PURPOSE AND SCOPE

The purpose of this report is to present the findings of the third phase of PCB investigations in Willow Brook and Willow Brook Pond. During this phase, soil samples were collected from soil borings and monitoring wells installed in the vicinity of Willow Brook Pond. In addition, surface sediment and soil samples to depths of up to 6 feet were collected along the banks of Willow Brook. Sediment/soil samples were collected from the wetland area at Willow Arms and from other adjacent residential properties along the portion of Willow Brook which lies downstream of Willow Brook Pond and to the east of Main Street. Groundwater sampling was also performed in monitoring wells installed at the perimeter of Willow Brook Pond.

1.1. Previous Reports

This report follows two previous reports submitted to the State of Connecticut Department of Environmental Protection (DEP) in response to the Notice of Violation (NOV) No. PCB 97-08 issued by the DEP and dated November 7, 1997. The first report entitled, *Report on PCB Investigation for Willow Brook and Willow Brook Pond Sediment*, prepared by Loureiro Engineering Associates (LEA) and dated February 18, 1998, presented the results of laboratory analyses on sediment samples collected from Willow Brook and Willow Brook Pond. The second report, entitled *Report on Supplemental PCB Investigation for Willow Brook and Willow Brook Pond*, prepared by LEA and dated April 1998, presented the results of in-depth sampling and investigated potential source areas in the vicinity of the pond. The results identified the presence of PCB contamination in the area of the Former Oil/Water Separator between the two sections of Willow Brook Pond. Significantly lower levels of contamination were observed in the other two areas investigated (southwestern bank of Willow Brook Pond and the Former Oil Basin Area).

1.2. Report Organization

This report provides a brief introductory section (Section 2), discusses the field investigation activities performed, making reference to the original Work Plan as appropriate (Section 3), and summarizes the results of the investigation in Section 4. A summary of sampling and analytical information and concentrations of detected constituents, as well as summaries of analytical results are presented separately in Tables 1 through 8.

Copies of the field forms are included in Appendix A, and the laboratory reports are provided in Appendix B.

The analytical results for soil and sediment are presented in Drawing Nos. 1 (Willow Brook) and 2 (Willow Brook Pond). Drawing No. 3 presents the results from soil and sediment samples collected along Willow Brook, downstream of Willow Brook Pond (including on-site and off site locations and the wetland area). The results of groundwater sampling performed are provided on Drawing No. 4. For convenience, the tables and drawings presented herein include the results of the previous investigations performed.

Concentrations of chemicals are provided in micrograms per kilograms ($\mu\text{g}/\text{kg}$) or micrograms per liter ($\mu\text{g}/\text{l}$), both equivalent to parts per billion, with the exception for metals, cyanide, and total petroleum hydrocarbons (TPH) given in milligrams per kilograms (mg/kg) or milligrams per liter (mg/l), which are both equivalent to parts per million.

2. INTRODUCTION

The Pratt & Whitney East Hartford site is located on a level terrace of land to the east of the Connecticut River within the urban/industrial area of greater Hartford. The site is surrounded by residential and commercial land. Two small streams, Willow Brook and Pewterpot Brook, course through the property. The principal NPDES-permitted wastewater discharges from the manufacturing area of the site are directed to Willow Brook. Willow Brook has a total drainage area of two square miles. The brook is piped through much of the site in a concrete conduit which discharges into Willow Brook Pond just north of the principal manufacturing buildings. Process water is pumped into the plant from Willow Brook Pond and the major cooling water discharges from the manufacturing area are returned to the stream at or above the pond. The pond serves as part of the plant's water recirculation system. The water quality classification for the lower part of Willow Brook has been designated as Class B. Class B surface waters are designated for recreational use, fish and wildlife habitat, agricultural and industrial supply and other legitimate uses including navigation.

Permitted water discharges throughout the East Hartford main plant and Colt Street facilities at one point in time or another include Discharge Nos. 001 through 009, inclusive of monitoring points MP005 and MP006. These discharges were permitted under the NPDES Permit Program. The principal discharge is Discharge 001 which is the effluent discharge from the dilute wastewater treatment plant at Colt Street (Colt St WWTP). The other discharges are permitted and are comprised mostly of cooling water and natural runoff. Only Discharge Nos. 001 through 004 and 007 through 009 are or were, associated with Willow Brook or Willow Brook Pond.

The majority of the industrial water currently drawn from Willow Brook Pond is used in buildings where the water is collected and discharged back to Willow Brook Pond via NPDES Discharge Nos. 003 and 004 and to Willow Brook via NPDES Discharge No. 002. Industrial

water is also pumped to a 400,000-gallon holding tank in the South Test Area for use as needed in South Production Test. The majority of the water used for testing engines in this area is vaporized during the test. The remainder of the water collects in a sump and discharges through an oil/water separator to the Dilute Wastewater system for treatment at the Industrial Wastewater Treatment facility and subsequent discharge through Discharge No. 001 to the Connecticut River (Colt St. WWTP). In the past when the South Test Area holding tank needed to be drained (for maintenance reasons approximately once every five years), a pipe was used to direct the water to a catch basin which eventually discharged to Pewter Pot Brook.

Sitewide discharge locations to Willow Brook and Willow Brook Pond are shown on Drawing No. 1. PCB analytical data on industrial water from Discharges 001, 002, 003, and 004 (potentially mixed with stormwater) and from Discharge 001 (Colt Street WWTP) were presented in the Work Plan.

Historically, water was discharged through the Experimental Test Airport Laboratory (ETAL) to Willow Brook upstream of Willow Brook Pond. Basement dewatering operations and industrial waters from ETAL was discharged through an oil/water separator into the brook. This building has been demolished. Prior to demolition, the oil/water separator was sampled and analyzed for PCB's and other parameters. The maximum total PCB concentration observed was 2 mg/kg. The analytical data from these samples has been presented previously in the Work Plan.

3. SAMPLING METHODOLOGY

The field activities performed during this phase of investigations included the installation of soil borings and monitoring wells in the vicinity of Willow Brook Pond and the collection of sediment samples from residential properties along the segment of Willow Brook between Willow Brook Pond and Main Street. The field investigations were performed from June 10 to November 3, 1998 by LEA personnel. Groundwater sampling was performed on December 4, 1998. These activities are further described below.

3.1. Willow Brook Pond Perimeter Sampling

Twelve soil borings and eight monitoring wells were installed in the vicinity of Willow Brook Pond to assess the lateral extent of the contamination. The borings and monitoring wells were installed using a Geoprobe® to a depth of approximately 20 feet. Hand borings to an approximate depth of 12 ft were installed in locations inaccessible by the Geoprobe®. Soil samples were collected every two feet and screened visually for the presence of oil. Three samples were submitted for PCB analysis from each boring, including the most contaminated one based on visual observations, and random ones corresponding approximately to the depth of

contamination obtained during the previous investigation. Approximately one sample from each location was also submitted for analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals (As, Ba, Cd, Cr, Pb, Hg, Ag, Se and Ni), cyanide, and TPH. The monitoring wells consisted of ½-inch diameter PVC prepacked screen. The screened section was 9 feet long with slot size of 0.010 inch.

3.2. Wetlands and Stream Bank Sampling

Sediment/soil samples were collected from several abutting residential properties along the segment of Willow Brook between Willow Brook Pond and Main Street. The samples were collected at different elevations along the bank of the brook to assess the lateral extent of contamination. Samples were also collected from the wetlands area at the Willow Arms property and from the adjacent portion of Pratt & Whitney's property. Surface sediment/soil samples were collected in a total of 28 locations. In seven of these locations, hand auger borings were advanced to approximately 6 feet to assess the vertical extent of contamination. All surface sediment samples and in-depth soil samples collected were submitted for analysis for PCBs. In addition, selected soil samples were submitted for analysis for VOCs, SVOCs, metals, and TPH, as noted above.

3.3. Groundwater Sampling

Groundwater samples were collected by LEA personnel from the installed monitoring wells on December 4, 1998. Prior to sampling, the depth to water and total depth of each monitoring well were recorded. From this information, the total volume of water contained in each monitoring well was calculated. The water was purged initially and pH, temperature, and conductivity were recorded. Once the initial volume of water was removed, the monitoring well was purged a minimum of three times the standing water volume. Samples were collected using a peristaltic pump and dedicated polyethylene tubing. Water samples were transferred directly into labeled sample containers from the peristaltic pump. Samples collected for metals analysis were filtered in the field using a dedicated 0.45 micron in-line filter assembly. Groundwater samples collected for VOCs were collected using a dedicated disposable Teflon® bailer. The containers were sealed, placed in a cooler, and shipped to Accutest for analysis for VOCs, SVOCs, PCBs, metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, (RCRA 8) plus nickel and zinc), and TPH.

3.4. Surface Water Sampling

Surface water samples were collected by LEA personnel from three locations on February 6, 1998, during the time-frame of a previous investigation. However, these results had not

previously been included in any of the earlier reports. Surface water samples were collected from two locations at Willow Brook Pond (at the pumps pumping from the larger water body and at the dam) and from Willow Brook (downstream of Willow Brook Pond at the intersection with Main Street). The samples were analyzed for PCBs.

3.5. Sample Handling

The soil, sediment, and groundwater samples were transferred directly into laboratory supplied glassware, labeled, and placed into a cooler with ice. At the completion of the sampling event, all samples were submitted for analysis to a State of Connecticut Department of Public Health (DPH) certified laboratory (Accutest of Dayton, NJ). All samples were transferred to the laboratory under full chain-of-custody control.

3.6. Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) samples were collected for analysis, in addition to the soil, sediment, and groundwater samples collected. The QA/QC samples collected included an equipment blank to determine if the decontamination procedures were adequate. Equipment blank samples were prepared by running analyte-free deionized (DI) water through the sample collection equipment. No constituents were reported in any of the equipment blank samples collected. Trip blanks were prepared and analyzed at the rate of one per cooler for each day that samples were collected for VOC analysis. No VOCs were detected in any of the trip blanks submitted for analysis.

Replicate samples were collected at a frequency of once per day, in order to evaluate the accuracy of the analysis. In general, the results indicated satisfactory accuracy for all parameters analyzed.

Four liquid performance evaluation samples were also submitted to Accutest for analysis. The first one was submitted along with the samples submitted on October 1, 1998. The laboratory reported Aroclor 1260 ($2.1 \mu\text{g/l}$) outside the acceptable range ($2.51 - 4.79 \mu\text{g/l}$). As a result all results for Aroclor 1260 were estimated (J).

The second performance evaluation sample was submitted for analysis on October 14, 1998. The sample was analyzed for VOCs, SVOCs, PCBs, TPH, and metals. The laboratory reported Aroclor 1248 ($\text{ND} < 0.5 \mu\text{g/l}$) outside the acceptance criteria ($0.713 - 1.67 \mu\text{g/l}$). As a result all results for Aroclor 1248 were estimated. The lower acceptance limit for the SVOC compounds in the performance sample were below the laboratory's reporting limit, therefore the results of

this performance sample could not be used to qualify associated data for SVOCs. The metals, TPH, and VOC results were all within acceptable limits.

The third performance evaluation sample was submitted for PCB analysis on October 16, 1998. The laboratory reported Aroclor 1254 (ND<0.5 $\mu\text{g/l}$) outside the vendor specified acceptance criteria (3.67 – 7.71 $\mu\text{g/l}$). Consequently, all Aroclor 1254 results were qualified in all samples in this data set. All results for Aroclor 1254 were estimated (J).

The fourth aqueous performance evaluation sample was submitted for analysis on October 19, 1998. The laboratory correctly reported Aroclor 1248 (2.6 $\mu\text{g/l}$) within the acceptance limits (2.27 – 5.33 $\mu\text{g/l}$). As a result, no data was qualified.

The potential causes for the performance evaluation sample results which were reported outside the vendor specified acceptance criteria have been investigated. Regarding the sample for which Arochlor 1260 was reported outside the acceptable range, an extensive laboratory investigation has been undertaken. Additional performance evaluation samples have been analyzed by the laboratory and all were reported within the vendor specified acceptance limits. Investigations are ongoing with the laboratory and corrective action will be implemented if necessary. It appears that the laboratory never actually analyzed those performance evaluation samples whose results were reported as ND (less than the detection limit). Although impossible to substantiate, the most plausible explanation is a labeling or handling error. Tighter controls on sample labeling and handling have since been implemented.

3.7. Decontamination

All sampling equipment was decontaminated prior to collection of each sample. The procedures followed for decontamination included the following:

1. Remove all excess soil or sediment from the sampling equipment,
2. Immerse sampling equipment into a solution of detergent and tap water and scrub to remove all remaining solids,
3. Immersion in DI water rinse,
4. Spray-rinse with <10% nitric acid solution,
5. Spray-rinse with DI water,
6. Spray-rinse with 10% methanol solution,
7. Air dry.

3.8. Documentation

Documentation activities performed under this sampling plan included the following:

- Field sampling forms,
- Daily field report and supplemental sheet,
- Daily field QA/QC checklist,
- Chain-of-custody forms.

Sample labels were printed and inspected for accuracy prior to the initiation of field activities.

4. RESULTS

The location of the soil and sediment samples collected are identified on Drawing Nos. 2 and 3, along with the samples collected during the initial sediment investigation. The analytical results for soil and sediment samples are presented in Drawing Nos. 2 and 3, using a thicker border to distinguish the recent results from those of the previous investigations. Isoconcentration contours based on total PCB concentrations of 1,000 $\mu\text{g}/\text{kg}$, 10,000 $\mu\text{g}/\text{kg}$, and 100,000 $\mu\text{g}/\text{kg}$ are also included on Drawing Nos. 2 and 3.

A summary of sampling and analytical information for all soil and sediment samples is provided in Table 1. Concentrations of detected constituents in soil and sediment samples are presented in Table 2. Table 3 provides a summary of all analytical results for soil and sediment samples, including those constituents for which non-detectable concentrations were reported.

The analytical results for groundwater samples are shown on Drawing No. 4. A summary of sampling and analytical information for groundwater samples is provided as Table 4, while the concentrations of constituents detected in groundwater are presented in Table 5. Table 6 includes a summary of all analytical results for groundwater, including those constituents for which no detectable concentrations were reported.

Table 7 presents sampling and analytical information for the surface water samples collected and Table 8 summarizes the analytical results.

4.1. Soil Borings – Willow Brook Pond Area

Twelve soil borings and eight monitoring wells were installed along the perimeter of the two bodies of water forming Willow Brook Pond. The PCB concentrations observed in soil samples from these borings were substantially lower than the PCB concentrations observed in the sediment samples collected from within the pond or in the soil samples collected from the soil

borings placed between the two water bodies. The PCB concentrations observed along the perimeter of Willow Brook Pond are at part per billion levels or not detected, with few exceptions.

The highest concentration detected along the perimeter of Willow Brook Pond was a total PCB concentration of 50,870 $\mu\text{g}/\text{kg}$ which was observed at a depth of 8 to 10 feet at location WT-SB-132 to the east of the eastern water body at Willow Brook Pond, along the reinforced concrete pipe that conveys flow from Willow Brook to Willow Brook Pond.

Relatively elevated PCB concentrations up to 14,330 $\mu\text{g}/\text{kg}$ were observed at locations WT-PZ-136 and WT-SB-137, in between the two water bodies, confirming previous data and indicating the presence of contamination in the area. The lateral extent of the contamination in this area is defined by additional borings both to the north and south, where detectable concentrations of PCBs were not observed.

A total PCB concentration of 3,820 $\mu\text{g}/\text{kg}$ was observed at a depth of 8 to 10 feet at location WT-PZ-140, to the north of the larger water body; and a total PCB concentration of 9,560 $\mu\text{g}/\text{kg}$ was observed at a depth of 2 to 4 feet at location WT-SB-126 along the road to the south of the large water body. Elevated levels of metals (chromium: 96,700 mg/kg; lead: 1,700 mg/kg; nickel: 3,860 mg/kg); and cyanide (21 mg/kg) were also observed in this location.

Elevated metal concentrations (cadmium: 29 mg/kg; chromium: 13,900 mg/kg; lead: 998 mg/kg; nickel: 1,010 mg/kg; and silver: 36.4 mg/kg) and cyanide (7.4 mg/kg) were also observed at a depth of 1.5 to 1.9 feet at location WT-SB-143 on the southern bank of Willow Brook Pond. At a depth of 14 to 16 feet at location WT-SB-137, elevated concentrations of cadmium (28.3 mg/kg), chromium (1,050 mg/kg), lead (223 mg/kg), mercury (1.5 mg/kg); nickel (668 mg/kg); and silver (15.2 mg/kg) were detected in the soil.

Elevated levels of SVOCs were also observed at location WT-SB-143. Some of the highest SVOC concentrations observed at this location included: acenaphthene (15,000 $\mu\text{g}/\text{kg}$), anthracene (23,200 $\mu\text{g}/\text{kg}$), benzo[a]anthracene (48,000 $\mu\text{g}/\text{kg}$), benzo[ghi]perylene (18,300 $\mu\text{g}/\text{kg}$), benzo[a]pyrene (39,200 $\mu\text{g}/\text{kg}$), benzo[a]fluoranthene (44,800 $\mu\text{g}/\text{kg}$), chrysene (49,900 $\mu\text{g}/\text{kg}$), fluoranthene (102,000 $\mu\text{g}/\text{kg}$), fluorene (11,700 $\mu\text{g}/\text{kg}$), and pyrene (89,700 $\mu\text{g}/\text{kg}$). SVOCs at somewhat lower levels were also detected between the two water bodies at boring WT-SB-137.

Relatively low levels of several VOCs were detected at seven locations. The VOCs detected included acetone, benzene, carbon disulfide, methyl ethyl ketone (MEK), methyl tertiary butyl ether (MTBE), toluene, and xylenes. The highest concentration of any constituent was

108 µg/kg of MTBE at location WT-PZ-136 in between the two water bodies. All other reported concentrations were less than 30 µg/kg for all constituents.

4.2. Off-Site Property Sampling

Overall, the results confirmed the data obtained during the previous investigations and provided supplemental information on the vertical and lateral distribution of the contamination. Elevated total PCB concentrations (up to 596,200 µg/kg) were found in the wetlands area within the Willow Arms property. Elevated total PCB concentrations (up to 327,400 µg/kg) have also been detected in the narrow portion of the wetland which lies within Pratt & Whitney property. The concentrations, however, drop significantly to non-detectable levels at the higher elevations along the perimeter of the wetland area.

PCBs were also detected in and along the brook channel, although at much lower levels. The highest PCB concentrations were encountered in sediments within the brook channel. These concentrations drop substantially at higher elevations along the bank of Willow Brook. Therefore, it appears that the contamination is limited to the brook channel and the wetland area. Elevated total PCB concentrations were observed in Willow Brook adjacent to the wetland area. Somewhat lower concentrations were observed within Willow Brook in off-site properties downstream of the wetland area. The highest total PCB concentration downstream of the wetland area was observed in location WT-SD-54 (21,770 µg/kg).

The highest SVOC concentrations observed were also encountered in the wetland area within the Willow Arms property. Some of the highest SVOC concentrations observed include: acenaphthene (5,440 µg/kg), acenaphthylene (4,870 µg/kg), anthracene (11,700 µg/kg), benzo[a]anthracene (24,500 µg/kg), benzo[a]pyrene (24,000 µg/kg), benzo[b]fluoranthene (24,900 µg/kg), benzo[ghi]perylene (10,300 µg/kg), benzo[k]fluoranthene (14,300 µg/kg), bis(2-ethylhexyl)phthalate (43,900 µg/kg), chrysene (26,000 µg/kg), dibenzo[a,h]anthracene (4,970 µg/kg), and fluorene (6,400 µg/kg). The highest TPH concentration (24,100 mg/kg) was also observed in the wetland area within the Willow Arms property.

Relatively elevated concentrations of several metals were detected in soil/sediment collected from locations downstream of Willow Brook Pond. Metals detected at elevated levels included cadmium, chromium, lead, mercury, and silver. The highest detected concentrations of each of those metals were cadmium at 103 mg/kg, chromium at 7,390 mg/kg, lead at 2,890 mg/kg, mercury at 9.2 mg/kg, and silver at 444 mg/kg. All were reported for sample WT-SD-112. The majority of the samples exhibiting elevated concentrations of metals were detected in soil/sediment from the wetlands area within the Willow Arms property.

VOCs detected in soil/sediment downstream of Willow Brook Pond included acetone, 2-hexanone, carbon disulfide, ethylbenzene, methyl ethyl ketone (MEK), tetrachloroethylene, toluene, and xylenes. The highest detected concentrations of MEK, toluene, and acetone were 98 $\mu\text{g}/\text{kg}$ (WT-SD-121), 465 $\mu\text{g}/\text{kg}$ (WT-SD-114), and 281 $\mu\text{g}/\text{kg}$ (WT-SD-121) respectively. Xylene and ethylbenzene were detected at concentrations of 1,100 $\mu\text{g}/\text{kg}$ and 232 $\mu\text{g}/\text{kg}$, respectively, at the same location as the highest toluene concentration (WT-SD-114). All other VOCs were reported at concentrations less than 130 $\mu\text{g}/\text{kg}$.

4.3. Groundwater

Groundwater was sampled from eight monitoring wells along the perimeter of Willow Brook Pond. Due to sample breakage during shipping, not all samples were analyzed for all parameters. Another round of groundwater sampling will be completed to perform analysis of those parameters and samples for which sample containers were broken. Specific analyses conducted on each sample during this event are noted in Table 4. Concentrations of detected constituents only are presented in Table 5. All analytical results on groundwater samples are summarized in Table 6.

PCBs were detected in groundwater from monitoring well WT-PZ-136 (8.5 $\mu\text{g}/\text{l}$) located to the north of the large water body at Willow Brook Pond, and in groundwater from monitoring well WT-PZ-139 (0.73 $\mu\text{g}/\text{l}$) located in between the two water bodies. Arsenic was detected in groundwater from monitoring well WT-PZ-124 at a concentration of 0.0043 $\mu\text{g}/\text{l}$, but was not detected in a duplicate sample. Lead (at 0.041 mg/l) and zinc (0.0439 mg/l) were detected in groundwater from monitoring wells WT-PZ-134 and WT-PZ-139, respectively.

TPH was detected in groundwater from monitoring wells WT-PZ-124, WT-PZ-129, and WT-PZ-142 at concentrations of 1.0 mg/l, 2.0 mg/l, and 0.5 mg/l, respectively. At location WT-PZ-124, two SVOCs were detected, acenaphthene (3.0 $\mu\text{g}/\text{l}$) and bis(2-ethylhexyl) phthalate (668 and 681 $\mu\text{g}/\text{l}$ in the duplicate).

VOCs detected in groundwater included chloroethane (at 2.0 $\mu\text{g}/\text{l}$); carbon disulfide (at 2.0 $\mu\text{g}/\text{l}$); 1,1-dichloroethane (at 1.6 $\mu\text{g}/\text{l}$); methyl tert butyl ether (at 3.1 and 76 $\mu\text{g}/\text{l}$), as well as several VOCs detected in groundwater at location WT-PZ-142. These VOCs and the detected concentrations were: chloroform (4.7 $\mu\text{g}/\text{l}$); 1,1-dichloroethylene (1.2 $\mu\text{g}/\text{l}$); cis-1,2-dichloroethylene (26.5 $\mu\text{g}/\text{l}$); tetrachloroethylene (5 $\mu\text{g}/\text{l}$); 1,1,1-trichloroethane (19.8 $\mu\text{g}/\text{l}$); and trichloroethylene (35.6 $\mu\text{g}/\text{l}$).

4.4. Surface Water

A summary of the sampling and analytical information on surface water samples is provided as Table 7. No PCBs were detected in any of the surface water samples collected. Table 8 includes the detection limits for those analyses.

5. CONCLUSIONS

Soil and sediment samples were collected during this phase of the investigation to provide additional information on the distribution of PCBs and other constituents in the vicinity of Willow Brook and Willow Brook Pond. Twelve soil borings and eight monitoring wells were installed along the perimeter of Willow Brook Pond. Groundwater and surface water samples were also collected. The results indicated the following relevant points with respect to concentrations of constituents detected in soil, groundwater, and surface water.

The following conclusions are noted regarding the soil borings and piezometers installed in the vicinity of Willow Brook Pond:

- Total PCB concentrations of 50,870 $\mu\text{g}/\text{kg}$ were observed to the east of the eastern water body at Willow Brook Pond, along the reinforced concrete pipe that conveys flow from Willow Brook into Willow Brook Pond. The extent of the contamination is not defined in this area yet.
- Relatively elevated PCB concentrations up to 14,330 $\mu\text{g}/\text{kg}$ were observed in the area of the Former Oil-Water Separator between the two sections of Willow Brook Pond. This is in agreement with previous findings. The extent of the contamination is now better defined in the area. Relatively elevated concentrations of SVOCs and metals were also detected in this area.
- Elevated concentrations of SVOCs have been observed at some locations. However, elevated SVOCs are consistent and appear to coincide with elevated PCBs concentrations.
- PCBs appear to have seeped into nearby soils at certain locations, for example at location WT-PZ-140 to the north of the larger water body of Willow Brook Pond (3,820 $\mu\text{g}/\text{kg}$). However, concentrations detected at depth are generally much lower or below detectable levels. The contamination is primarily contained within Willow Brook Pond.
- Relatively elevated PCB concentrations, as well as metals, SVOCs, and cyanide were detected along the southern bank of the pond at shallow depths. This may be indicative of a

separate source of contamination. This will be assessed in the later stages of the investigation.

Groundwater samples were collected from the monitoring wells installed along the perimeter of Willow Brook Pond.

- PCBs were detected in groundwater from monitoring wells WT-PZ-136 ($8.5 \mu\text{g/l}$) and WT-PZ-139 ($0.73 \mu\text{g/l}$) at a location to the north-northeast of the larger water body of Willow Brook Pond, where the highest PCB concentrations were detected.

Surface water sampling from Willow Brook Pond and Willow Brook was performed on February 6, 1998, as part of an earlier investigation. Samples were collected from Willow Brook Pond (at the pumps pumping from the larger water body and dam) and from Willow Brook (downstream of Willow Brook Pond at Main Street).

- No PCBs were detected in any of the surface water samples collected.

Sediment/soil samples were also collected at different elevations along the bank of the brook between Willow Brook Pond and Main Street and from several abutting properties, as well as from the wetland area at the Willow Arms property. The primary conclusions are listed below:

- Relatively elevated PCB concentrations (up to $596,200 \mu\text{g/kg}$) were observed within the wetland area. Relatively elevated SVOC concentrations were also observed within this area. Based on the information available, the total PCB concentrations drop to less than 1,000 part per billion at a depth of 4 to 6 feet. Similar concentrations were observed in the wetland area within Pratt & Whitney property.
- Total PCB concentrations up to $21,770 \mu\text{g/kg}$ were detected within Willow Brook in the off-site properties (downstream of the wetland area). The PCB concentrations observed drop substantially at higher elevations along the bank of Willow Brook, indicating that the contamination is confined within the brook and the wetland.

Overall and with consideration of all data collected to date, PCBs concentration are generally distributed in the brook and pond sediments gradually decreasing downgradient down to a concentration of less than 1,000 parts per billion by Main Street. PCBs are also found in the soils between the two ponds, where the former oil/water separator was located, but are non-detects, or at concentration of less than 1,000 parts per billion, in higher banks soils. Because elevated SVOCs have been found to be present at locations of elevated PCBs, remediation of PCBs should concurrently address the SVOCs.

Although QA/QC issues in conjunction with performance evaluation samples could lead to suspect the absolute value of the data collected, it is apparent that PCB contaminants are in fact present within the sediments, between the two ponds and in some of the lower bank soils of Willow Brook and Willow Brook Pond.

In light of the above findings, Pratt & Whitney will ensure exposure to PCB contaminated sediments and soils will be controlled by remediating surficial soils to at least 20,000 parts per billion. Due to need of additional information and further studies to determine specific exposures, the exact concentrations and depth of remedial actions have not yet been established.

6. RECOMMENDATIONS

One additional round of groundwater sampling of the eight monitoring wells installed will be performed to supplement the groundwater data collected. The additional sampling is performed due to sample breakage in the first round.

A remedial option evaluation will be performed to identify viable remediation alternatives for Willow Brook Pond and Willow Brook. Furthermore, it is planned that a remedial options and remedial design study will be conducted in 1999. Pratt & Whitney is currently seeking to collect bid packages from engineering firms with experience in sites with similar settings and contaminants.

TABLES

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information					Analysis Information									
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
CS-SD-60	1653137	1/15/98			SD						X			
CS-SD-61	1653138	1/15/98			SD						X			
CS-SD-62	1653140	1/15/98			SD						X			
CS-SD-63	1653139	1/15/98			SD		X				X			
CS-SD-64	1653141	1/15/98			SD						X			
CS-SD-65	1653142	1/15/98			SD						X			
CS-SD-66	1653143	1/15/98			SD						X			
CS-SD-66	1653144	1/15/98			SD						X			
EQUIPMENT	1653186	1/14/98			BKE		X	X				X		X
EQUIPMENT	1653188	1/15/98			BKE		X	X				X		X
EQUIPMENT	1655734	3/16/98			BKE							X		
EQUIPMENT	1655954	3/18/98			BKE							X		X
EQUIPMENT	1663988	9/29/98			BKE		X	X				X	X	X
EQUIPMENT	1663939	9/30/98			BKE		X	X				X	X	X
EQUIPMENT	1663990	10/ 1/98			BKE		X	X				X	X	X
EQUIPMENT	1829222	10/14/98			BKE		X	X				X	X	X
EQUIPMENT	1829223	10/15/98			BKE		X	X				X	X	X
EQUIPMENT	1829224	10/16/98			BKE		X	X				X	X	X
EQUIPMENT	1829296a	10/19/98			BKE		X	X				X	X	X
EQUIPMENT	1829227	10/20/98			BKE				X			X	X	X
EQUIPMENT	1831090	10/21/98			BKE		X	X				X	X	X
EQUIPMENT	1831091	11/ 2/98			BKE		X	X				X	X	X
TRIP BLANK	1653126	1/14/98			BKT		X							
TRIP BLANK	1653145	1/15/98			BKT		X							
TRIP BLANK	1659308	6/10/98			BKT		X							
TRIP BLANK	1663987	9/29/98			BKT									
TRIP BLANK	1663926	9/30/98			BKT		X							
TRIP BLANK	1663944	10/ 1/98			BKT		X							
TRIP BLANK	1829231	10/14/98			BKT									
TRIP BLANK	1828954	10/15/98			BKT			X						
TRIP BLANK	1828962	10/16/98			BKT		X							

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 03/29/99

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
TRIP BLANK	1828994	10/19/98			BKT		x							
TRIP BLANK	1829036	10/20/98			BKT		x							
TRIP BLANK	1829037	10/21/98			BKT									
TRIP BLANK	1829145	11/2/98			BKT		x							
TRIP BLANK	1829165	11/3/98			BKT		x							
WT-PZ-124	1829155	11/3/98	0	2	SB									
WT-PZ-124	1829156	11/3/98	2	4	SB									
WT-PZ-124	1829164	11/3/98	2	4	SB									
WT-PZ-124	1829157	11/3/98	4	6	SB									
WT-PZ-124	1829158	11/3/98	6	8	SB									
WT-PZ-124	1829159	11/3/98	8	12	SB									
WT-PZ-124	1829160	11/3/98	12	14	SB							x		
WT-PZ-124	1829161	11/3/98	14	16	SB									
WT-PZ-124	1829162	11/3/98	16	18	SB							x		
WT-PZ-124	1829163	11/3/98	18	20	SB		x	x			x	x	x	x
WT-PZ-129	1828983	10/19/98	0	2	SB									
WT-PZ-129	1828984	10/19/98	2	4	SB									
WT-PZ-129	1828985	10/19/98	4	6	SB									
WT-PZ-129	1828986	10/19/98	6	8	SB									
WT-PZ-129	1828987	10/19/98	6	8	SB							x		
WT-PZ-129	1828988	10/19/98	8	10	SB									
WT-PZ-129	1828989	10/19/98	10	12	SB									
WT-PZ-129	1828990	10/19/98	12	14	SB							x		
WT-PZ-129	1828991	10/19/98	14	16	SB		x	x			x	x	x	x
WT-PZ-131	1829136	11/2/98	0	2	SB									
WT-PZ-131	1829137	11/2/98	2	4	SB									
WT-PZ-131	1829138	11/2/98	4	6	SB									
WT-PZ-131	1829139	11/2/98	6	8	SB									
WT-PZ-131	1829140	11/2/98	8	12	SB		x	x			x	x		x
WT-PZ-131	1829141	11/2/98	12	16	SB							x		
WT-PZ-131	1829142	11/2/98	16	18	SB									
WT-PZ-131	1829143	11/2/98	18	20	SB							x		

Notes: 1. Legend: X - Analyzed; at least one analyte over the detection limit; x - Analyzed, no analytes in group over the detection limit

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-PZ-134	1829126	11/2/98	0	2	SB									
WT-PZ-134	1829127	11/2/98	2	4	SB									
WT-PZ-134	1829128	11/2/98	4	8	SB									
WT-PZ-134	1829129	11/2/98	8	10	SB							X		
WT-PZ-134	1829130	11/2/98	10	12	SB									
WT-PZ-134	1829131	11/2/98	12	14	SB									
WT-PZ-134	1829132	11/2/98	14	16	SB		x	x			x	x		x
WT-PZ-134	1829133	11/2/98	16	18	SB									
WT-PZ-134	1829134	11/2/98	18	20	SB									
WT-PZ-134	1829135	11/2/98	18	20	SB							x		
WT-PZ-136	1829115	11/2/98	0	2	SB									
WT-PZ-136	1829116	11/2/98	2	4	SB									
WT-PZ-136	1829117	11/2/98	4	6	SB							x		
WT-PZ-136	1829118	11/2/98	6	8	SB							x		
WT-PZ-136	1829125	11/2/98	6	8	SB									
WT-PZ-136	1829119	11/2/98	8	10	SB									
WT-PZ-136	1829120	11/2/98	10	12	SB									
WT-PZ-136	1829121	11/2/98	12	14	SB		x	x			x	x		x
WT-PZ-136	1829122	11/2/98	14	16	SB									
WT-PZ-136	1829123	11/2/98	16	18	SB									
WT-PZ-136	1829124	11/2/98	18	20	SB									
WT-PZ-139	1828938	10/15/98	0	2	SB									
WT-PZ-139	1828939	10/15/98	2	4	SB									
WT-PZ-139	1828940	10/15/98	2	4	SB							x		
WT-PZ-139	1828941	10/15/98	4	6	SB									
WT-PZ-139	1828942	10/15/98	6	8	SB							x		
WT-PZ-139	1828943	10/15/98	8	10	SB									
WT-PZ-139	1828944	10/15/98	10	12	SB		x	x			x	x		x
WT-PZ-140	1829038	10/21/98	0	2	SB									
WT-PZ-140	1829039	10/21/98	2	4	SB									
WT-PZ-140	1829040	10/21/98	4	6	SB									
WT-PZ-140	1829041	10/21/98	6	8	SB									

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information					Analysis Information									
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-PZ-140	1829042	10/21/98	8	10	SB						X			
WT-PZ-140	1829045	10/21/98	8	10	SB						x			
WT-PZ-140	1829043	10/21/98	10	12	SB									
WT-PZ-140	1829044	10/21/98	12	14	SB		x	x			x	x	x	
WT-PZ-142	1828925	10/14/98	0	2	SB									
WT-PZ-142	1828926	10/14/98	2	4	SB									
WT-PZ-142	1828927	10/14/98	4	6	SB									
WT-PZ-142	1828928	10/14/98	6	8	SB						x			
WT-PZ-142	1828929	10/14/98	8	10	SB						x			
WT-PZ-142	1828930	10/14/98	10	12	SB		x	x			x	x	x	
WT-PZ-142	1828922	10/14/98	12	14	SB									
WT-SB-125	1829144	11/3/98	0	2	SB									
WT-SB-125	1829146	11/3/98	2	4	SB									
WT-SB-125	1829147	11/3/98	4	6	SB									
WT-SB-125	1829148	11/3/98	6	8	SB									
WT-SB-125	1829149	11/3/98	8	10	SB									
WT-SB-125	1829150	11/3/98	10	12	SB						x			
WT-SB-125	1829151	11/3/98	12	14	SB									
WT-SB-125	1829152	11/3/98	14	16	SB		x	x			x	x	x	
WT-SB-125	1829153	11/3/98	16	18	SB									
WT-SB-125	1829154	11/3/98	18	20	SB						x			
WT-SB-126	1828959	10/16/98	0	2	SB									
WT-SB-126	1828960	10/16/98	2	4	SB						x	x	x	
WT-SB-126	1828961	10/16/98	2	4	SB						x	x	x	
WT-SB-127	1828973	10/19/98	0	2	SB									
WT-SB-127	1828974	10/19/98	2	4	SB									
WT-SB-127	1828975	10/19/98	4	6	SB									
WT-SB-127	1828976	10/19/98	6	8	SB									
WT-SB-127	1828977	10/19/98	8	10	SB									
WT-SB-127	1828978	10/19/98	10	12	SB									
WT-SB-127	1828979	10/19/98	12	14	SB						x			
WT-SB-127	1828980	10/19/98	14	16	SB		x	x			x	x	x	

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-127	1828981	10/19/98	16	18	SB									
WT-SB-127	1828982	10/19/98	18	20	SB							x		
WT-SB-128	1829105	11/2/98	0	2	SB									
WT-SB-128	1829106	11/2/98	2	4	SB									
WT-SB-128	1829107	11/2/98	4	6	SB									
WT-SB-128	1829108	11/2/98	6	8	SB									
WT-SB-128	1829109	11/2/98	8	10	SB									
WT-SB-128	1829110	11/2/98	10	12	SB		x	x			x	x		x
WT-SB-128	1829111	11/2/98	12	14	SB									
WT-SB-128	1829112	11/2/98	14	16	SB							x		
WT-SB-128	1829113	11/2/98	16	18	SB									
WT-SB-128	1829114	11/2/98	18	20	SB							x		
WT-SB-130	1828963	10/19/98	0	2	SB									
WT-SB-130	1828964	10/19/98	2	4	SB									
WT-SB-130	1828965	10/19/98	4	6	SB							x		
WT-SB-130	1828966	10/19/98	6	8	SB									
WT-SB-130	1828967	10/19/98	8	12	SB									
WT-SB-130	1828968	10/19/98	12	14	SB									
WT-SB-130	1828969	10/19/98	14	16	SB									
WT-SB-130	1828970	10/19/98	16	18	SB		x	x			x	x		x
WT-SB-130	1828971	10/19/98	18	20	SB									
WT-SB-130	1828972	10/19/98	18	20	SB							x		
WT-SB-132	1829016	10/20/98	0	2	SB									
WT-SB-132	1829017	10/20/98	2	4	SB									
WT-SB-132	1829018	10/20/98	4	6	SB									
WT-SB-132	1829019	10/20/98	6	8	SB							x		
WT-SB-132	1829020	10/20/98	8	10	SB							x		
WT-SB-132	1829021	10/20/98	10	12	SB		x	x			x	x		x
WT-SB-132	1829022	10/20/98	12	14	SB									
WT-SB-132	1829023	10/20/98	14	16	SB									
WT-SB-132	1829024	10/20/98	16	20	SB							x		
WT-SB-133	1829005	10/20/98	0	2	SB									

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information					Analysis Information									
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-133	1829006	10/20/98	2	4	SB									
WT-SB-133	1829007	10/20/98	4	6	SB									
WT-SB-133	1829008	10/20/98	6	8	SB									
WT-SB-133	1829009	10/20/98	8	10	SB									
WT-SB-133	1829010	10/20/98	10	12	SB									
WT-SB-133	1829011	10/20/98	10	12	SB							X		
WT-SB-133	1829012	10/20/98	12	14	SB									
WT-SB-133	1829013	10/20/98	14	16	SB							X		
WT-SB-133	1829014	10/20/98	16	18	SB		x	x			x	x	x	
WT-SB-133	1829015	10/20/98	18	20	SB									
WT-SB-135	1828995	10/20/98	0	2	SB									
WT-SB-135	1828996	10/20/98	2	4	SB									
WT-SB-135	1828997	10/20/98	4	6	SB									
WT-SB-135	1828998	10/20/98	6	8	SB									
WT-SB-135	1828999	10/20/98	8	10	SB									
WT-SB-135	1829000	10/20/98	10	12	SB							X		
WT-SB-135	1829001	10/20/98	12	14	SB							X		
WT-SB-135	1829002	10/20/98	14	16	SB									
WT-SB-135	1829003	10/20/98	16	18	SB									
WT-SB-135	1829004	10/20/98	18	20	SB		x	x			x	x	x	
WT-SB-137	1829025	10/20/98	0	2	SB									
WT-SB-137	1829026	10/20/98	2	4	SB									
WT-SB-137	1829027	10/20/98	4	6	SB									
WT-SB-137	1829028	10/20/98	6	8	SB									
WT-SB-137	1829035	10/20/98	6	8	SB							X		
WT-SB-137	1829029	10/20/98	8	10	SB							X		
WT-SB-137	1829030	10/20/98	10	12	SB									
WT-SB-137	1829031	10/20/98	12	14	SB							X		
WT-SB-137	1829032	10/20/98	14	16	SB		x	x			x	x	x	
WT-SB-137	1829033	10/20/98	16	18	SB									
WT-SB-137	1829034	10/20/98	18	20	SB									
WT-SB-138	1828945	10/15/98	0	2	SB									

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-138	1828946	10/15/98	2	4	SB							X		
WT-SB-138	1828947	10/15/98	4	6	SB									
WT-SB-138	1828948	10/15/98	6	8	SB									
WT-SB-138	1828949	10/15/98	8	10	SB							X		
WT-SB-138	1828950	10/15/98	10	12	SB									
WT-SB-138	1828951	10/15/98	12	14	SB							X		
WT-SB-138	1828952	10/15/98	14	16	SB		x	x			x	X		x
WT-SB-138	1828953	10/15/98	16	20	SB									
WT-SB-141	1828932	10/15/98	0	2	SB									
WT-SB-141	1828933	10/15/98	2	4	SB							X		
WT-SB-141	1828934a	10/15/98	4	6	SB									
WT-SB-141	1828935	10/15/98	6	8	SB							x		
WT-SB-141	1828936	10/15/98	8	10	SB									
WT-SB-141	1828937	10/15/98	10	12	SB		x	x			x	X		x
WT-SB-143	1828955	10/16/98	0	2	SB				x					
WT-SB-143	1828956	10/16/98	2	4	SB							x		
WT-SB-143	1828958	10/16/98	1.5	1.9	SB		x	x			x	X		x
WT-SB-143	1828957	10/16/98	4	8	SB									
WT-SB-80	1655921	3/17/98	0	4	SB							x		
WT-SB-80	1655922	3/17/98	4	6	SB									
WT-SB-80	1655923	3/17/98	6	8	SB									
WT-SB-80	1655924	3/17/98	8	10	SB							x		
WT-SB-80	1655925	3/17/98	10	12	SB									
WT-SB-80	1655926	3/17/98	12	14	SB									
WT-SB-80	1655927	3/17/98	14	16	SB									
WT-SB-80	1655928	3/17/98	16	18	SB									
WT-SB-80	1655929	3/17/98	18	20	SB									
WT-SB-81	1655744	3/17/98	0	2	SB									
WT-SB-81	1655745	3/17/98	2	4	SB							x		x
WT-SB-81	1655746	3/17/98	4	6	SB									
WT-SB-81	1655747	3/17/98	6	8	SB									
WT-SB-81	1655752	3/17/98	8	10	SB									

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 03/29/99

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-81	1655753	3/17/98	10	12	SB						X			
WT-SB-81	1655754	3/17/98	12	14	SB									
WT-SB-81	1655755	3/17/98	14	16	SB						X			X
WT-SB-81	1655756	3/17/98	16	18	SB									
WT-SB-81	1655915	3/17/98	16	18	SB									
WT-SB-81	1655916	3/17/98	18	20	SB									
WT-SB-82	1655710	3/16/98	0	2	SB									
WT-SB-82	1655711	3/16/98	2	4	SB							X		
WT-SB-82	1655712	3/16/98	4	6	SB									
WT-SB-82	1655713	3/16/98	6	8	SB									
WT-SB-82	1655714	3/16/98	8	10	SB									
WT-SB-82	1655715	3/16/98	10	12	SB									
WT-SB-82	1655716	3/16/98	12	14	SB									
WT-SB-82	1655717	3/16/98	14	16	SB							X		
WT-SB-82	1655718	3/16/98	16	18	SB									
WT-SB-82	1655719	3/16/98	18	20	SB									
WT-SB-82	1655720	3/16/98	20	22	SB									
WT-SB-82	1655721	3/16/98	22	24	SB							X		
WT-SB-83	1655722	3/16/98	0	2	SB									
WT-SB-83	1655723	3/16/98	2	4	SB							X		
WT-SB-83	1655724	3/16/98	4	6	SB									
WT-SB-83	1655725	3/16/98	6	8	SB							X		X
WT-SB-83	1655726	3/16/98	8	10	SB									
WT-SB-83	1655727	3/16/98	10	12	SB									
WT-SB-83	1655728	3/16/98	12	14	SB									
WT-SB-83	1655729	3/16/98	14	16	SB							X		
WT-SB-83	1655730	3/16/98	16	18	SB									
WT-SB-83	1655731	3/16/98	18	20	SB									
WT-SB-83	1655732	3/16/98	20	22	SB									
WT-SB-83	1655733	3/16/98	22	24	SB							X		
WT-SB-85	1655697	3/16/98	0	2	SB									
WT-SB-85	1655699	3/16/98	4	6	SB									

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 03/29/99

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-85	1655700	3/16/98	6	8	SB									
WT-SB-85	1655701	3/16/98	8	10	SB						x			x
WT-SB-85	1655702	3/16/98	8	10	SB						x			x
WT-SB-85	1655703	3/16/98	10	12	SB									
WT-SB-85	1655704	3/16/98	12	14	SB									
WT-SB-85	1655705	3/16/98	14	16	SB						x			
WT-SB-85	1655706	3/16/98	16	18	SB									x
WT-SB-85	1655707	3/16/98	18	20	SB									
WT-SB-85	1655708	3/16/98	20	22	SB									
WT-SB-85	1655709	3/16/98	22	24	SB						x			
WT-SB-86	1655680	3/13/98	0	2	SB									
WT-SB-86	1655681	3/13/98	2	4	SB						x			x
WT-SB-86	1655682	3/13/98	4	6	SB									
WT-SB-86	1655683	3/13/98	6	8	SB									
WT-SB-86	1655684	3/13/98	8	10	SB									
WT-SB-86	1655685	3/13/98	10	12	SB						x			
WT-SB-86	1655686	3/13/98	12	14	SB									
WT-SB-86	1655687	3/13/98	14	16	SB									
WT-SB-86	1655688	3/13/98	16	18	SB									
WT-SB-86	1655689	3/13/98	18	20	SB						x			x
WT-SB-88	1655651	3/12/98	0	2	SB									
WT-SB-88	1655652	3/12/98	2	4	SB									
WT-SB-88	1655653	3/12/98	4	6	SB						x			
WT-SB-88	1655654	3/12/98	6	8	SB									
WT-SB-88	1655655	3/12/98	8	10	SB									
WT-SB-88	1655656	3/12/98	10	12	SB						x			x
WT-SB-88	1655657	3/12/98	12	14	SB									
WT-SB-88	1655658	3/12/98	14	16	SB									
WT-SB-88	1655659	3/12/98	16	18	SB									
WT-SB-88	1655660	3/12/98	18	20	SB						x			
WT-SB-89	1655661	3/13/98	0	2	SB									
WT-SB-89	1655662	3/13/98	2	4	SB						x			x

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-89	1655663	3/13/98	4	6	SB									
WT-SB-89	1655664	3/13/98	6	8	SB						X			X
WT-SB-89	1655665	3/13/98	6	8	SB						X			
WT-SB-89	1655666	3/13/98	8	10	SB									
WT-SB-89	1655667	3/13/98	10	12	SB									
WT-SB-89	1655668	3/13/98	12	14	SB									
WT-SB-89	1655669	3/13/98	14	16	SB						X			
WT-SB-90	1655670	3/13/98	0	2	SB									
WT-SB-90	1655671	3/13/98	2	4	SB									
WT-SB-90	1655672	3/13/98	4	6	SB									
WT-SB-90	1655673	3/13/98	6	8	SB						X			
WT-SB-90	1655674	3/13/98	8	10	SB									
WT-SB-90	1655675	3/13/98	10	12	SB									
WT-SB-90	1655676	3/13/98	12	14	SB						X			
WT-SB-90	1655677	3/13/98	14	16	SB									
WT-SB-90	1655678	3/13/98	16	18	SB									
WT-SB-90	1655679	3/13/98	18	20	SB						X			
WT-SB-91	1655645	3/12/98	0	2	SB									
WT-SB-91	1655646	3/12/98	2	4	SB									
WT-SB-91	1655647	3/12/98	4	6	SB									
WT-SB-91	1655648	3/12/98	6	8	SB									
WT-SB-91	1655649	3/12/98	8	10	SB						X			
WT-SB-91	1655650	3/12/98	10	11	SB									
WT-SB-91A	1655636	3/18/98	0	2	SB									
WT-SB-91A	1655635	3/18/98	2	4	SB						X		X	
WT-SB-91A	1655637	3/18/98	4	6	SB									
WT-SB-91A	1655638	3/18/98	6	8	SB									
WT-SB-91A	1655639	3/18/98	8	10	SB									
WT-SB-91A	1655640	3/18/98	10	12	SB									
WT-SB-91A	1655641	3/18/98	12	14	SB						X			X
WT-SB-91A	1655642	3/18/98	14	16	SB									
WT-SB-91A	1655643	3/18/98	16	18	SB									

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2. Printed on 03/29/99

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SB-91A	1655644	3/18/98	18	20	SB		X	X			x			
WT-SD-06	1653123	1/14/98			SD						x	x		x
WT-SD-07	1653075	1/12/98			SD							x		
WT-SD-08	1653076	1/12/98			SD							x		
WT-SD-09	1653124	1/14/98			SD		x	X			x	x		x
WT-SD-09	1653125	1/14/98			SD		x	X			x	x		x
WT-SD-10	1653081	1/12/98			SD							x		
WT-SD-100	1659305	6/11/98			SD		x	X			x	x		x
WT-SD-101	1659306	6/11/98			SD		x	X			x	x		x
WT-SD-102a	1659307	6/11/98			SD		x	X			x	x		x
WT-SD-102b	1663925	9/30/98	0.5		SD		X	X			x	x		x
WT-SD-103	1663938	10/ 1/98	0.0	0.5	SD		X	X			x	x		x
WT-SD-103	1663939a	10/ 1/98	2.0	4.0	SD		X	X			x	x		x
WT-SD-103	1663940	10/ 1/98	4.0	6.0	SD							x		
WT-SD-103	1663941	10/ 1/98	6.0	8.0	SD							x		
WT-SD-104	1663924	9/30/98	0.5		SD							x		
WT-SD-105	1663942	10/ 1/98	0.5		SD		X	X			x	x		x
WT-SD-105	1663943	10/ 1/98	0.5		SD							x		
WT-SD-106	1663923	9/30/98	0.5		SD		x	X			x	x		x
WT-SD-107	1663922	9/30/98	0.5		SD							x		
WT-SD-108	1663921	9/30/98	0.5		SD							x		
WT-SD-109	1663920	9/30/98	0.5		SD							x		
WT-SD-111	1653119	1/13/98			SD							x		
WT-SD-110	1663917	9/30/98	0	0.5	SD							x		
WT-SD-110	1663918	9/30/98	0.5	2	SD							x		
WT-SD-110	1663919	9/30/98	2	4	SD							x		
WT-SD-111	1663909	9/30/98	0.5		SD		x	X			x	x		x
WT-SD-112	1663907	9/29/98	0.5		SD		x	X			x	x		x
WT-SD-112	1663908	9/29/98	0.5		SD		X	X			x	x		x
WT-SD-113	1663905	9/29/98	0.5		SD							x		
WT-SD-113	1663906	9/29/98	0.5		SD		x	X			x			x
WT-SD-114	1663927	10/ 1/98	0	0.5	SD						x	x		x

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SD-114	1663928	10/ 1/98	0.5	2.0	SD		X	X			X	X		X
WT-SD-114	1663929	10/ 1/98	2.0	4.0	SD		X	X			X	X		X
WT-SD-114	1663930	10/ 1/98	4.0	6.0	SD							X		
WT-SD-115	1663931	10/ 1/98	0.5		SD							X		
WT-SD-116	1663932	10/ 1/98	0.5		SD							X		
WT-SD-116	1663933	10/ 1/98	0.5		SD							X		
WT-SD-117	1663910	9/30/98	0	0.5	SD							X		
WT-SD-117	1663911	9/30/98	0.5	2.0	SD		X	X			X	X		X
WT-SD-117	1663912	9/30/98	2	4	SD							X		
WT-SD-117	1663913	9/30/98	5.0	6	SD							x		
WT-SD-119	1663904	9/29/98	0.5		SD							x		
WT-SD-12	1653120	1/13/98			SD							X		
WT-SD-120	1663903	9/29/98	0.5		SD		X	X			X	X		X
WT-SD-121	1663914	9/30/98	0	0.5	SD		X	X			X	X		X
WT-SD-121	1663915	9/30/98	0.5	2.0	SD		X	X			X	X		X
WT-SD-121	1663916	9/30/98	2	4	SD		X	x			X	X		X
WT-SD-122	1663934	10/ 1/98	0.5		SD							X		
WT-SD-123	1663935	10/ 1/98	0.0	0.5	SD		X	X			X	X		X
WT-SD-123	1663936	10/ 1/98	0.5	2.0	SD							x		
WT-SD-123	1663937	10/ 1/98	2.0	6.0	SD							X		
WT-SD-13	1653077	1/12/98			SD							X		
WT-SD-14	1653082	1/12/98			SD							X		
WT-SD-15	1653117	1/13/98			SD							X		
WT-SD-16	1653118	1/13/98			SD							X		
WT-SD-17	1653079	1/12/98			SD							X		
WT-SD-18	1653088	1/13/98			SD							X		
WT-SD-19	1653116	1/13/98			SD							X		
WT-SD-20	1653080	1/12/98			SD							X		
WT-SD-21	1653089	1/13/98			SD							X		
WT-SD-22	1653115	1/13/98			SD							X		
WT-SD-23	1653091	1/13/98			SD							X		
WT-SD-24	1653090	1/13/98			SD							X		

Notes: 1. Legend: X - Analyzed; at least one analyte over the detection limit; x - Analyzed, no analytes in group over the detection limit

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information					Analysis Information									
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SD-25	1653114	1/13/98			SD						X			
WT-SD-26	1653092	1/13/98			SD						X			
WT-SD-27	1653113	1/13/98			SD						X			
WT-SD-28	1653094	1/13/98			SD						X			
WT-SD-29	1653095	1/13/98			SD						X			
WT-SD-30	1653093	1/13/98			SD						X			
WT-SD-31	1653098	1/13/98			SD						X			
WT-SD-32	1653096	1/13/98			SD						X			
WT-SD-33	1653097	1/13/98			SD		x	x	x	x	X	X		x
WT-SD-34	1653083	1/12/98			SD						X			
WT-SD-35	1653084	1/12/98			SD		x	x	x	x	X	X		x
WT-SD-36	1653085	1/12/98			SD						X			
WT-SD-36	1653086	1/12/98			SD						X			
WT-SD-37	1653112	1/13/98			SD						X			
WT-SD-38	1653110	1/13/98			SD						X			
WT-SD-38	1653111	1/13/98			SD						X			
WT-SD-39	1653099	1/13/98			SD		x	x	x	x	X	X		x
WT-SD-39	1653101	1/13/98			SD						X			
WT-SD-40	1653100	1/13/98			SD						X			
WT-SD-41	1653109	1/13/98			SD						X			
WT-SD-42	1653102	1/13/98			SD						X			
WT-SD-43	1653103	1/13/98			SD						X			
WT-SD-44	1653108	1/13/98			SD						X			
WT-SD-45	1653104	1/13/98			SD						X			
WT-SD-46	1653105	1/13/98			SD						X			
WT-SD-47	1653127	1/14/98			SD		x	x			X	X		x
WT-SD-48	1653106	1/13/98			SD						X			
WT-SD-49	1653107	1/13/98			SD						X			
WT-SD-50	1653087	1/12/98			SD						X			
WT-SD-51	1653128	1/14/98			SD						X			
WT-SD-52	1653129	1/14/98			SD						X			
WT-SD-53	1653130	1/14/98			SD						X			

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Sample Information					Analysis Information									
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SD-54	1653131	1/14/98			SD						X			
WT-SD-55	1653132	1/14/98			SD						X			
WT-SD-56	1653133	1/14/98			SD		x	x			X	X	x	
WT-SD-57	1653134	1/14/98			SD						X			
WT-SD-58	1653135	1/14/98			SD						X			
WT-SD-59	1653136	1/14/98			SD						X			
WT-SD-67	1653122	1/13/98			SD						X			
WT-SD-68	1653074	1/12/98			SD						X			
WT-SD-69	1653078	1/12/98			SD						X			
WT-SD-70	1653073	1/12/98	3		SD						X			
WT-SD-71	1653121	1/13/98			SD						X			
WT-SD-72	1655941	3/18/98	0	2	SD						X		x	
WT-SD-72	1655942	3/18/98	2	4	SD									
WT-SD-72	1655943	3/18/98	4	6	SD									
WT-SD-72	1655944	3/18/98	6	8	SD									
WT-SD-72	1655945	3/18/98	8	10	SD						x			
WT-SD-72	1655946	3/18/98	10	12	SD						X		x	
WT-SD-73	1655935	3/18/98	0	2	SD						X		x	
WT-SD-73	1655936	3/18/98	0	2	SD						X		x	
WT-SD-73	1655937	3/18/98	2	4	SD									
WT-SD-73	1655938	3/18/98	4	6	SD						x			
WT-SD-73	1655939	3/18/98	6	8	SD									
WT-SD-73	1655940	3/18/98	8	10	SD						x			
WT-SD-74	1655930	3/18/98	0	2	SD						X		x	
WT-SD-74	1655931	3/18/98	2	4	SD									
WT-SD-74	1655932	3/18/98	4	6	SD						X			
WT-SD-74	1655933	3/18/98	6	8	SD									
WT-SD-74	1655934	3/18/98	8	10	SD						x			
WT-SD-75	1655917	3/17/98	0	2	SD						X			
WT-SD-75	1655918	3/17/98	2	4	SD									
WT-SD-75	1655919	3/17/98	4	6	SD						X			
WT-SD-75	1655920	3/17/98	6	8.0	SB						X			

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Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SOILS
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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
WT-SD-76	1655935	3/18/98	0	2	SD						X			
WT-SD-76	1655956	3/18/98	2	4	SD						X			
WT-SD-77	1655748	3/17/98	0	2	SD						X			X
WT-SD-77	1655749	3/17/98	2	4	SD									
WT-SD-77	1655750	3/17/98	4	6	SD									
WT-SD-77	1655751	3/17/98	6	9	SD						x			
WT-SD-78	1655740	3/17/98	0	2	SD									
WT-SD-78	1655741	3/17/98	2	4	SD						X			
WT-SD-78	1655742	3/17/98	6.0	8.0	SD									
WT-SD-78	1655743	3/17/98	8.0	9.5	SD						X			
WT-SD-79	1655735	3/17/98	0	2	SD						X			X
WT-SD-79	1655736	3/17/98	2	4	SD									
WT-SD-79	1655737	3/17/98	4	6	SD						X			
WT-SD-79	1655738	3/17/98	6	8	SD									
WT-SD-79	1655739	3/17/98	8	9.5	SD						x			
WT-SD-92	1655690	3/13/98	0	.5	SD						X			
WT-SD-92	1655691	3/13/98	1.5	2.0	SB						X			X
WT-SD-93	1655692	3/13/98	0.0	0.5	SD						X			
WT-SD-93	1655693	3/13/98	1.5	2.0	SB						X			
WT-SD-95	1655694	3/13/98	0.0	0.5	SD						X			
WT-SD-95	1655695	3/13/98	1.5	2.0	SB						X			X
WT-SD-96	1659301	6/10/98			SD		x		X		X	X		X
WT-SD-97	1659302	6/10/98			SD		x		X		X	X		X
WT-SD-98	1659303	6/10/98			SD		x		X		X	X		X
WT-SD-99	1659304	6/11/98			SD		x		x		x	X		x

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 03/29/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65	CS-SD-66
Sample ID	1653137	1653138	1653140	1653139	1653141	1653142	1653143	
Sample Date	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
Sample Time	:	11:25	11:45	11:59	12:15	12:25		12:35
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6	E29892-7	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-				01/21/1998			
Date PCBs Analyzed	-	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg							
PCB 1254	µg/kg	418	509	514	722	503	127	423
PCB 1260	µg/kg	141	252	193	222	248	56.1	178
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65	CS-SD-66
	Sample ID	1653137	1653138	1653140	1653139	1653141	1653142	1653143
	Sample Date	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	:	11:25	11:45	11:59	12:15	12:25	12:35
	Sample Depth							
	Laboratory	accu						
	Lab. Number	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6	E29892-7
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg				21.4			

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	CS-SD-66	EQUIPMENT	WT-PZ-124	WT-PZ-129	WT-PZ-129	WT-PZ-129	WT-PZ-131
	Sample ID	1653144	1655954	1829163	1828987	1828990	1828991	1829140
	Sample Date	01/15/1998	03/18/1998	11/03/1998	10/19/1998	10/19/1998	10/19/1998	11/02/1998
	Sample Time	12:50	15:20	13:10	14:45	15:00	15:07	15:03
	Sample Depth			18' - 20'	6' - 8'	12' - 14'	14' - 16'	8' - 12'
	Laboratory	accu						
	Lab. Number	E29892-8	E32169-25	E41585-60	E40984-25	E40984-28	E40984-29	E41585-36
Constituent	Units							
Date Metals Analyzed	-			11/14/1998			10/31/1998	11/25/1998
Date Organics Analyzed	-			11/06/1998			10/27/1998	
Date PCBs Analyzed	-	01/21/1998			10/30/1998	10/30/1998		11/12/1998
Date Physical Analyzed	-		03/23/1998				11/09/1998	
Date Semi-volatile Organics Analyzed	-						11/04/1998	
Arsenic	mg/kg						1.1	1.3
Barium	mg/kg							
Cadmium	mg/kg						14.2	
Chromium	mg/kg			10.2			12.2 J	7.2
Copper	mg/kg			3.2				6.5
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg			6.7			6.4	9.0
Silver	mg/kg							
Zinc	mg/kg			15.1			28.4	15.5
PCB 1242	µg/kg							
PCB 1248	µg/kg							
PCB 1254	µg/kg	576			55.4	85.6		115
PCB 1260	µg/kg	217						
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg		9.3					
Total Petroleum Hydrocarbons	mg/kg						108	
Acenaphthene	µg/kg						22.6 J	
Acenaphthylene	µg/kg							
Anthracene	µg/kg						15.5 J	
Benzo[a]anthracene	µg/kg						39.1 J	
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	CS-SD-66	EQUIPMENT	WT-PZ-124	WT-PZ-129	WT-PZ-129	WT-PZ-129	WT-PZ-131
	Sample ID	1653144	1655954	1829163	1828987	1828990	1828991	1829140
	Sample Date	01/15/1998	03/18/1998	11/03/1998	10/19/1998	10/19/1998	10/19/1998	11/02/1998
	Sample Time	12:50	15:20	13:10	14:45	15:00	15:07	15:03
	Sample Depth			18' - 20'	6' - 8'	12' - 14'	14' - 16'	8' - 12'
	Laboratory	accu						
	Lab. Number	E29892-8	E32169-25	E41585-60	E40984-25	E40984-28	E40984-29	E41585-36
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg						37.6 J	
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg						58.7 J	
Fluoranthene	µg/kg							
Fluorene	µg/kg						22.4 J	
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg						41.7 J	
Pyrene	µg/kg						45.9 J	
Acetone	µg/kg			20.8			26.2	
Benzene	µg/kg						7.6	
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg						13.1	
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown

2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-PZ-134	WT-PZ-134	WT-PZ-136	WT-PZ-136	WT-PZ-136	WT-PZ-139	WT-PZ-140
	Sample ID	1829129	1829132	1829117	1829118	1829121	1828944	1829042
	Sample Date	11/02/1998	11/02/1998	11/02/1998	11/02/1998	11/02/1998	10/15/1998	10/21/1998
	Sample Time	13:53	14:10	11:36	11:43	11:53	12:10	11:52
	Sample Depth	8' - 10'	14' - 16'	4' - 6'	6' - 8'	12' - 14'	10' - 12'	8' - 10'
	Laboratory	accu						
	Lab. Number	E41585-25	E41585-28	E41585-13	E41585-14	E41585-17	E40792-13	E41086-41
Constituent	Units							
Date Metals Analyzed	-		11/14/1998			11/14/1998	10/31/1998	
Date Organics Analyzed	-						11/06/1998	
Date PCBs Analyzed	-	11/11/1998		11/12/1998	11/13/1998	11/11/1998		11/05/1998
Date Physical Analyzed	-		11/23/1998					
Date Semi-volatile Organics Analyzed	-					11/29/1998		
Arsenic	mg/kg					1.2	1.4	
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg		6.4			10	6.1	
Copper	mg/kg					5.5		
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg					15.5	8.7	
Silver	mg/kg							
Zinc	mg/kg		7.7			15.9	16.3 J	
PCB 1242	µg/kg							
PCB 1248	µg/kg	82.7		561	4630	28		
PCB 1254	µg/kg	206		2110	7930	40.4		3160
PCB 1260	µg/kg			476	1770			660
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg		111					
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-PZ-134	WT-PZ-134	WT-PZ-136	WT-PZ-136	WT-PZ-136	WT-PZ-139	WT-PZ-140
	Sample ID	1829129	1829132	1829117	1829118	1829121	1828944	1829042
	Sample Date	11/02/1998	11/02/1998	11/02/1998	11/02/1998	11/02/1998	10/15/1998	10/21/1998
	Sample Time	13:53	14:10	11:36	11:43	11:53	12:10	11:52
	Sample Depth	8' - 10'	14' - 16'	4' - 6'	6' - 8'	12' - 14'	10' - 12'	8' - 10'
	Laboratory	accu						
	Lab. Number	E41585-25	E41585-28	E41585-13	E41585-14	E41585-17	E40792-13	E41086-41
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg					9.1 J		
Pyrene	µg/kg							
Acetone	µg/kg					19.3		
Benzene	µg/kg							
Carbon Disulfide	µg/kg					2.3 J		
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg					108		
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown

2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-PZ-140	WT-PZ-142	WT-SB-125	WT-SB-126	WT-SB-126	WT-SB-127	WT-SB-128
	Sample ID	1829044	1828930	1829152	1828960	1828961	1828980	1829110
	Sample Date	10/21/1998	10/14/1998	11/03/1998	10/16/1998	10/16/1998	10/19/1998	11/02/1998
	Sample Time	12:00	15:25	11:43	13:26	13:30	13:43	10:34
	Sample Depth	12' - 14'	10' - 12'	14' - 16'	2' - 4'	2' - 4'	14' - 16'	10' - 12'
	Laboratory	accu						
	Lab. Number	E41086-43	E40782-6	E41585-49	E40827-6	E40827-7	E40984-18	E41585-6
Constituent	Units							
Date Metals Analyzed	-	10/31/1998	10/31/1998	11/14/1998	10/31/1998	10/31/1998	10/31/1998	11/14/1998
Date Organics Analyzed	-			11/06/1998			10/25/1998	
Date PCBs Analyzed	-				11/07/1998	10/27/1998		
Date Physical Analyzed	-				10/27/1998	10/27/1998		
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg		1.2		13	7.6		
Barium	mg/kg			24.4	53	64.7		26.6
Cadmium	mg/kg				137	52.2		
Chromium	mg/kg	6.4	9.1	7.4	96700	30500	10.3 J	7.1
Copper	mg/kg			7.0				7.6
Lead	mg/kg				1700	891		
Mercury	mg/kg				0.62	1.0		
Nickel	mg/kg	7.1	9.1	9.9	3860	1750	7.7	10.7
Silver	mg/kg				56.2	21.2		
Zinc	mg/kg	11.5	14.4	14.9	167	107	13.4	25.9
PCB 1242	µg/kg							
PCB 1248	µg/kg							
PCB 1254	µg/kg				8030 J			
PCB 1260	µg/kg				1530	405		
Cyanide (Total)	mg/kg				21	4.9		
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-PZ-140	WT-PZ-142	WT-SB-125	WT-SB-126	WT-SB-126	WT-SB-127	WT-SB-128
Sample ID	1829044	1828930	1829152	1828960	1828961	1828980	1829110	
Sample Date	10/21/1998	10/14/1998	11/03/1998	10/16/1998	10/16/1998	10/19/1998	11/02/1998	
Sample Time	12:00	15:25	11:43	13:26	13:30	13:43	10:34	
Sample Depth	12' - 14'	10' - 12'	14' - 16'	2' - 4'	2' - 4'	14' - 16'	10' - 12'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E41086-43	E40782-6	E41585-49	E40827-6	E40827-7	E40984-18	E41585-6	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzof[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg			21.1			22.1	
Benzene	µg/kg						5.9	
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-130	WT-SB-132	WT-SB-132	WT-SB-132	WT-SB-132	WT-SB-133	WT-SB-133
	Sample ID	1828970	1829019	1829020	1829021	1829024	1829011	1829013
	Sample Date	10/19/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998
	Sample Time	11:43	13:48	13:50	13:54	14:10	12:52	13:04
	Sample Depth	16' - 18'	6' - 8'	8' - 10'	10' - 12'	16' - 20'	10' - 12'	14' - 16'
	Laboratory	accu						
	Lab. Number	E40984-8	E41086-20	E41086-21	E41086-22	E41086-23	E41086-13	E41086-14
Constituent	Units							
Date Metals Analyzed	-	10/31/1998			10/31/1998			
Date Organics Analyzed	-	10/25/1998						
Date PCBs Analyzed	-		11/05/1998	11/05/1998	10/27/1998	11/05/1998	11/05/1998	11/05/1998
Date Physical Analyzed	-				11/11/1998			
Date Semi-volatile Organics Analyzed	-				11/04/1998			
Arsenic	mg/kg	1.5						
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg	8.7			8.8 J			
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg	7.9			8.6			
Silver	mg/kg							
Zinc	mg/kg	13.2			23			
PCB 1242	µg/kg							
PCB 1248	µg/kg		883	17000		104	48	60.9
PCB 1254	µg/kg		14900	28000	610			
PCB 1260	µg/kg		2700	5870				
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg				60.1			
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown

2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-130	WT-SB-132	WT-SB-132	WT-SB-132	WT-SB-132	WT-SB-133	WT-SB-133
	Sample ID	1828970	1829019	1829020	1829021	1829024	1829011	1829013
	Sample Date	10/19/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998
	Sample Time	11:43	13:48	13:50	13:54	14:10	12:52	13:04
	Sample Depth	16' - 18'	6' - 8'	8' - 10'	10' - 12'	16' - 20'	10' - 12'	14' - 16'
	Laboratory	accu						
	Lab. Number	E40984-8	E41086-20	E41086-21	E41086-22	E41086-23	E41086-13	E41086-14
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg				37.1 J			
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg				22.7 J			
Pyrene	µg/kg				32.1 J			
Acetone	µg/kg	10.9						
Benzene	µg/kg	4.5 J						
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-133	WT-SB-135	WT-SB-135	WT-SB-135	WT-SB-137	WT-SB-137	WT-SB-137
	Sample ID	1829014	1829000	1829001	1829004	1829035	1829029	1829031
	Sample Date	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998
	Sample Time	13:06	11:03	11:05	11:20	15:40	15:07	15:21
	Sample Depth	16' - 18'	10' - 12'	12' - 14'	18' - 20'	6' - 8'	8' - 10'	12' - 14'
	Laboratory	accu						
	Lab. Number	E41086-15	E41086-5	E41086-6	E41086-8	E41086-34	E41086-28	E41086-30
Constituent	Units							
Date Metals Analyzed	-	10/31/1998			10/31/1998			
Date Organics Analyzed	-							
Date PCBs Analyzed	-		11/05/1998	11/05/1998		11/05/1998	11/05/1998	11/05/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-				11/04/1998			
Arsenic	mg/kg	1.3			1.2			
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg	10.1 J			6.1 J			
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg	14.2			8.6			
Silver	mg/kg							
Zinc	mg/kg	12.9			13			
PCB 1242	µg/kg							
PCB 1248	µg/kg		94.5	55.6		1280 J	3240	1090
PCB 1254	µg/kg					2100 J	7010	2210
PCB 1260	µg/kg					306 J	2380	674
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SB-133	WT-SB-135	WT-SB-135	WT-SB-135	WT-SB-137	WT-SB-137	WT-SB-137
Sample ID	1829014	1829000	1829001	1829004	1829035	1829029	1829031	
Sample Date	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998
Sample Time	13:06	11:03	11:05	11:20	15:40	15:07	15:21	
Sample Depth	16' - 18'	10' - 12'	12' - 14'	18' - 20'	6' - 8'	8' - 10'	12' - 14'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E41086-15	E41086-5	E41086-6	E41086-8	E41086-34	E41086-28	E41086-30	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg				129 J			
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-137	WT-SB-138	WT-SB-138	WT-SB-138	WT-SB-138	WT-SB-141	WT-SB-141
	Sample ID	18289032	1828946	1828949	1828951	1828952	1828933	1828937
	Sample Date	10/20/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998
	Sample Time	15:26	15:08	15:20	15:30	15:32	10:03	10:38
	Sample Depth	14' - 16'	2' - 4'	8' - 10'	12' - 14'	14' - 16'	2' - 4'	10' - 12'
	Laboratory	accu						
	Lab. Number	E41086-31	E40792-15	E40792-18	E40792-20	E40792-21	E40792-2	E40792-6
Constituent	Units							
Date Metals Analyzed	-	10/31/1998	10/31/1998	10/31/1998	10/31/1998	10/31/1998		10/31/1998
Date Organics Analyzed	-							
Date PCBs Analyzed	-	10/27/1998					10/29/1998	
Date Physical Analyzed	-	11/11/1998						
Date Semi-volatile Organics Analyzed	-	11/04/1998						
Arsenic	mg/kg	7.6	1.3	1.2				
Barium	mg/kg	122		25.6				
Cadmium	mg/kg	28.3						
Chromium	mg/kg	1050	6.9 J	8.0 J	4.4 J	6.0		6.6
Copper	mg/kg							
Lead	mg/kg	223						
Mercury	mg/kg	1.5						
Nickel	mg/kg	668	7.2	8.4	8.4	8.2		7.4
Silver	mg/kg	15.2						
Zinc	mg/kg	200	16.2	20.8	9.8	11.7 J		13 J
PCB 1242	µg/kg						19.7	
PCB 1248	µg/kg	2330						
PCB 1254	µg/kg	4140						
PCB 1260	µg/kg	1030						
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg	7520						
Acenaphthene	µg/kg	9200						
Acenaphthylene	µg/kg	162 J						
Anthracene	µg/kg	14200						
Benzo[a]anthracene	µg/kg	28400						
Benzo[a]pyrene	µg/kg	23300						
Benzo[b]fluoranthene	µg/kg	27500						

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-137	WT-SB-138	WT-SB-138	WT-SB-138	WT-SB-138	WT-SB-141	WT-SB-141
Sample ID	1829032	1828946	1828949	1828951	1828952	1828933	1828937	
Sample Date	10/20/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998	10/15/1998
Sample Time	15:26	15:08	15:20	15:30	15:32	10:03	10:38	
Sample Depth	14' - 16'	2' - 4'	8' - 10'	12' - 14'	14' - 16'	2' - 4'	10' - 12'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E41086-31	E40792-15	E40792-18	E40792-20	E40792-21	E40792-2	E40792-6	
Constituent	Units							
Benzo[ghi]perylene	µg/kg	10600						
Benzo[k]fluoranthene	µg/kg	11700						
Bis(2-ethylhexyl)phthalate	µg/kg	811 J						
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg	28400						
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg	5490						
Dibenzofuran	µg/kg	4080						
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg	64000						
Fluorene	µg/kg	7240						
Indeno(1,2,3-cd)pyrene	µg/kg	10400						
Methylnaphthalene,2-	µg/kg	1910						
Naphthalene	µg/kg	2800						
Phenanthrene	µg/kg	52400						
Pyrene	µg/kg	46500						
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SB-143	WT-SB-143	WT-SB-81	WT-SB-81	WT-SB-81	WT-SB-82	WT-SB-83
	Sample ID	1828955	1828958	1655745	1655753	1655755	1655711	1655723
	Sample Date	10/16/1998	10/16/1998	03/17/1998	03/17/1998	03/17/1998	03/16/1998	03/16/1998
	Sample Time	10:30	10:36	14:41	15:26	15:36	14:21	15:41
	Sample Depth	0' - 2'	1.5' - 1.9'	2' - 4'	10' - 12'	14' - 16'	2' - 4'	2' - 4'
	Laboratory	accu	accu	accu	accu	accu	accu	accu
	Lab. Number	E40827-1	E40827-4	E32168-11	E32168-19	E32168-21	E32236-6	E32236-11
Constituent	Units							
Date Metals Analyzed	-		10/31/1998					
Date Organics Analyzed	-		10/27/1998					
Date PCBs Analyzed	-		10/27/1998	03/21/1998	03/21/1998	03/26/1998	03/26/1998	03/26/1998
Date Physical Analyzed	-		11/04/1998	03/21/1998		03/21/1998		
Date Semi-volatile Organics Analyzed	-	10/21/1998	10/22/1998					
Arsenic	mg/kg		5.9					
Barium	mg/kg		62.9					
Cadmium	mg/kg		29					
Chromium	mg/kg		13900					
Copper	mg/kg							
Lead	mg/kg		998					
Mercury	mg/kg		0.74					
Nickel	mg/kg		1010					
Silver	mg/kg		36.4					
Zinc	mg/kg		104					
PCB 1242	µg/kg							
PCB 1248	µg/kg							
PCB 1254	µg/kg		492 J	55.1	25.7	49.7	1670	112
PCB 1260	µg/kg		168	21.4			527	71.3
Cyanide (Total)	mg/kg		7.4					
Total Organic Carbon	mg/kg			8400		28800		
Total Petroleum Hydrocarbons	mg/kg		86.1					
Acenaphthene	µg/kg	7270	15000					
Acenaphthylene	µg/kg							
Anthracene	µg/kg	17800	23200					
Benzo[a]anthracene	µg/kg	48000	42100					
Benzo[a]pyrene	µg/kg	39200	36600					
Benzo[b]fluoranthene	µg/kg	44800	30100					

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SB-143	WT-SB-143	WT-SB-81	WT-SB-81	WT-SB-81	WT-SB-82	WT-SB-83
	Sample ID	1828955	1828958	1655745	1655753	1655755	1655711	1655723
	Sample Date	10/16/1998	10/16/1998	03/17/1998	03/17/1998	03/17/1998	03/16/1998	03/16/1998
	Sample Time	10:30	10:36	14:41	15:26	15:36	14:21	15:41
	Sample Depth	0' - 2'	1.5' - 1.9'	2' - 4'	10' - 12'	14' - 16'	2' - 4'	2' - 4'
	Laboratory	accu	accu	accu	accu	accu	accu	accu
	Lab. Number	E40827-1	E40827-4	E32168-11	E32168-19	E32168-21	E32236-6	E32236-11
Constituent	Units							
Benzo[ghi]perylene	µg/kg	13100	18300					
Benzo[k]fluoranthene	µg/kg	27100	28000					
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg	49900	41300					
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg	7340	7700					
Dibenzofuran	µg/kg	3470	7180					
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg	102000	100000					
Fluorene	µg/kg	6750	11700					
Indeno(1,2,3-cd)pyrene	µg/kg	12900	15600					
Methylnaphthalene,2-	µg/kg	639 J	3830 J					
Naphthalene	µg/kg	1180	9790					
Phenanthrene	µg/kg	76700	87900					
Pyrene	µg/kg	87100	89700					
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-83	WT-SB-85	WT-SB-85	WT-SB-85	WT-SB-86	WT-SB-86	WT-SB-88
Sample ID	1655725	1655701	1655702	1655706	1655681	1655689	1655653	
Sample Date	03/16/1998	03/16/1998	03/16/1998	03/16/1998	03/13/1998	03/13/1998	03/13/1998	03/12/1998
Sample Time	16:01	13:00	13:01	13:40	15:01	15:41	14:50	
Sample Depth	6' - 8'	8' - 10'	8' - 10'	16' - 18'	2' - 4'	18' - 20'	4' - 6'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E32236-9	E32236-2	E32236-3	E32236-4	E32062-15	E32062-17	E32062-5	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	03/26/1998						03/19/1998
Date Physical Analyzed	-	03/30/1998	03/25/1998	03/30/1998	03/30/1998	03/20/1998	03/20/1998	
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg							46
PCB 1254	µg/kg							32.5
PCB 1260	µg/kg	40.7						
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg	5060	2260	2850	54900	13100	1360	
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-83	WT-SB-85	WT-SB-85	WT-SB-85	WT-SB-86	WT-SB-86	WT-SB-88
	Sample ID	1655725	1655701	1655702	1655706	1655681	1655689	1655653
	Sample Date	03/16/1998	03/16/1998	03/16/1998	03/16/1998	03/13/1998	03/13/1998	03/12/1998
	Sample Time	16:01	13:00	13:01	13:40	15:01	15:41	14:50
	Sample Depth	6' - 8'	8' - 10'	8' - 10'	16' - 18'	2' - 4'	18' - 20'	4' - 6'
	Laboratory	accu						
	Lab. Number	E32236-9	E32236-2	E32236-3	E32236-4	E32062-15	E32062-17	E32062-5
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibeno[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SB-88	WT-SB-89	WT-SB-89	WT-SB-89	WT-SB-90	WT-SB-90	WT-SB-90
	Sample ID	1655656	1655662	1655664	1655665	1655673	1655676	1655679
	Sample Date	03/12/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998
	Sample Time	15:16	10:41	11:41	11:42	14:11	14:30	14:46
	Sample Depth	10' - 12'	2' - 4'	6' - 8'	6' - 8'	6' - 8'	12' - 14'	18' - 20'
	Laboratory	accu						
	Lab. Number	E32062-6	E32062-8	E32062-9	E32062-10	E32062-12	E32062-13	E32062-14
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	03/23/1998	03/23/1998	03/23/1998	03/19/1998	03/23/1998	03/20/1998	03/23/1998
Date Physical Analyzed	-	03/20/1998	03/20/1998	03/20/1998				
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	42200	1960	11600	5390	55500	12200	
PCB 1254	µg/kg	52600	4100	15400	7420	58600	14700	
PCB 1260	µg/kg	33100	1430	2740	908	7330	1350	31.4
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg	17800	10900	20400				
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benz[a]anthracene	µg/kg							
Benz[a]pyrene	µg/kg							
Benz[b]fluoranthene	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SB-88	WT-SB-89	WT-SB-89	WT-SB-89	WT-SB-90	WT-SB-90	WT-SB-90
Sample ID	1655656	1655662	1655664	1655665	1655673	1655676	1655679	1655679
Sample Date	03/12/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998
Sample Time	15:16	10:41	11:41	11:42	14:11	14:30	14:46	
Sample Depth	10' - 12'	2' - 4'	6' - 8'	6' - 8'	6' - 8'	12' - 14'	18' - 20'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E32062-6	E32062-8	E32062-9	E32062-10	E32062-12	E32062-13	E32062-14	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SB-91	WT-SB-91A	WT-SB-91A	WT-SD-06	WT-SD-07	WT-SD-08	WT-SD-09
Sample ID	1655649	1655635	1655641		1653123	1653075	1653076	1653124
Sample Date	03/12/1998	03/18/1998	03/18/1998		01/14/1998	01/12/1998	01/12/1998	01/14/1998
Sample Time	14:00	10:41	11:40	:		14:12	14:15	10:00
Sample Depth	8' - 10'	2' - 4'	12' - 14'					
Laboratory	accu	accu	accu		accu	accu	accu	accu
Lab. Number	E32062-3	E32062-1	E32062-2		E29836-1	E29782-3	E29782-4	E29836-2
Constituent	Units							
Date Metals Analyzed	-				01/21/1998			01/21/1998
Date Organics Analyzed	-				01/16/1998			
Date PCBs Analyzed	-	03/19/1998	03/19/1998	03/19/1998	01/19/1998	01/20/1998	01/19/1998	01/19/1998
Date Physical Analyzed	-		03/24/1998	03/20/1998	01/16/1998			01/16/1998
Date Semi-volatile Organics Analyzed	-				01/16/1998			01/16/1998
Arsenic	mg/kg							6.5
Barium	mg/kg				30			214
Cadmium	mg/kg				2.5			30.3
Chromium	mg/kg				27.8			490
Copper	mg/kg							
Lead	mg/kg				39.2			714
Mercury	mg/kg				0.14			5.1
Nickel	mg/kg				47.8			595
Silver	mg/kg				4.3			139
Zinc	mg/kg				118			772
PCB 1242	µg/kg							
PCB 1248	µg/kg		26.3	935	62.7	652	13200	3090
PCB 1254	µg/kg	29.7	25.2	1650	642	2290	20200	10800
PCB 1260	µg/kg			342	430	1070	12600	8490
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg		23300	11800				
Total Petroleum Hydrocarbons	mg/kg				268			4340
Acenaphthene	µg/kg				42.4			612
Acenaphthylene	µg/kg				26.9 J			370
Anthracene	µg/kg				117			1600
Benzo[a]anthracene	µg/kg				554			7170
Benzo[a]pyrene	µg/kg				639			8180
Benzo[b]fluoranthene	µg/kg				716			9880

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SB-91	WT-SB-91A	WT-SB-91A	WT-SD-06	WT-SD-07	WT-SD-08	WT-SD-09
	Sample ID	1655649	1655635	1655641	1653123	1653075	1653076	1653124
	Sample Date	03/12/1998	03/18/1998	03/18/1998	01/14/1998	01/12/1998	01/12/1998	01/14/1998
	Sample Time	14:00	10:41	11:40	:	14:12	14:15	10:00
	Sample Depth	8' - 10'	2' - 4'	12' - 14'				
	Laboratory	accu						
	Lab. Number	E32062-3	E32062-1	E32062-2	E29836-1	E29782-3	E29782-4	E29836-2
Constituent	Units							
Benzo[ghi]perylene	µg/kg				518			7850
Benzo[k]fluoranthene	µg/kg				487			4480
Bis(2-ethylhexyl)phthalate	µg/kg				258			6180
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg				719			10000
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg				41.3 J			446
Dibenzo[a,h]anthracene	µg/kg				212			3330
Dibenzofuran	µg/kg				24 J			299
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg				1260			18200
Fluorene	µg/kg				41.2			702
Indeno(1,2,3-cd)pyrene	µg/kg				433			7200
Methylnaphthalene,2-	µg/kg							107 J
Naphthalene	µg/kg							128 J
Phenanthrene	µg/kg				597			7650
Pyrene	µg/kg				1130			15000
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-09	WT-SD-10	WT-SD-100	WT-SD-101	WT-SD-102a	WT-SD-102b	WT-SD-103
	Sample ID	1653125	1653081	1659305	1659306	1659307	1663925	1663938
	Sample Date	01/14/1998	01/12/1998	06/11/1998	06/11/1998	06/11/1998	09/30/1998	10/01/1998
	Sample Time	10:00	15:01	14:45	15:15	15:30	15:21	13:30
	Sample Depth						0.5'	0.0' - 0.5'
	Laboratory	accu						
	Lab. Number	E29836-3	E29782-9	E35673-2	E35673-3	E35673-4	E40125-24	E40272-13
Constituent	Units							
Date Metals Analyzed	-	01/21/1998		06/17/1998	06/17/1998	06/17/1998	10/13/1998	10/13/1998
Date Organics Analyzed	-						10/13/1998	10/14/1998
Date PCBs Analyzed	-	01/19/1998	01/19/1998				10/09/1998	10/14/1998
Date Physical Analyzed	-	01/16/1998		07/01/1998	07/01/1998	07/01/1998	10/21/1998	10/21/1998
Date Semi-volatile Organics Analyzed	-	01/19/1998		06/19/1998	06/19/1998	06/19/1998	10/07/1998	10/21/1998
Arsenic	mg/kg	5.9		1.0	1.1	1.1	1.2	3.3
Barium	mg/kg	199		21.0	22.0	22.0	24.9	54.7
Cadmium	mg/kg	33.4						2.6
Chromium	mg/kg	497		1.00	1.10	1.10	9.5 J	153
Copper	mg/kg							
Lead	mg/kg	691		10.0	11.0	11.0	35.5 J	464
Mercury	mg/kg	3.5						3.2
Nickel	mg/kg	593		4.20	4.40	4.40		
Silver	mg/kg	132						9.7
Zinc	mg/kg	689		2.10	2.20	2.20		
PCB 1242	µg/kg							
PCB 1248	µg/kg	5860	9530					
PCB 1254	µg/kg	13900	15500				72.2	2880
PCB 1260	µg/kg	8960	17400					1160 J
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg	3930		26.0	27.0	27.0	76.9	302
Acenaphthene	µg/kg	828			25.8 J	26.0		85.1 J
Acenaphthylene	µg/kg	448		24.0 J	33.0	33.0	120 J	138 J
Anthracene	µg/kg	2150			14.0	14.0	53.7 J	222 J
Benzo[a]anthracene	µg/kg	9360		15.0	15.0	15.0	392	810
Benzo[a]pyrene	µg/kg	11200		23.0	24.0	24.0	579	902
Benzo[b]fluoranthene	µg/kg	12900		18.0	19.0	19.0	571	1120

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	Location ID	WT-SD-09	WT-SD-10	WT-SD-100	WT-SD-101	WT-SD-102a	WT-SD-102b	WT-SD-103
Sample ID	1653125	1653081	1659305	1659306	1659307	1663925	1663938	
Sample Date	01/14/1998	01/12/1998	06/11/1998	06/11/1998	06/11/1998	09/30/1998	10/01/1998	
Sample Time	10:00	15:01	14:45	15:15	15:30	15:21	13:30	
Sample Depth						0.5'	0.0' - 0.5'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E29836-3	E29782-9	E35673-2	E35673-3	E35673-4	E40125-24	E40272-13	
Constituent	Units							
Benzo[ghi]perylene	µg/kg	10600		16.0	16.0	354	444	
Benzo[k]fluoranthene	µg/kg	6350		26.0	26.0	386	664	
Bis(2-ethylhexyl)phthalate	µg/kg	8130		36.0	36.0		144 J	
Butyl Benzyl Phthalate	µg/kg			24.0				
Chrysene	µg/kg	13200		23.0	24.0	24.0	451	1010
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg	459						
Dibenzo[a,h]anthracene	µg/kg	4590			18.0	18.0	163 J	152 J
Dibenzofuran	µg/kg	408				22.0		37 J
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg	22600		18.0	18.0	552	2030	
Fluorene	µg/kg	847			18.0	18.0		100 J
Indeno(1,2,3-cd)pyrene	µg/kg	9610		12.0	12.0	318	368	
Methylnaphthalene,2-	µg/kg	153 J				31.2 J		22 J
Naphthalene	µg/kg	149 J				45.7 J		
Phenanthrene	µg/kg	9940		10.0	11.0	11.0	175 J	1000
Pyrene	µg/kg	19400		17.0	17.0	17.0	524	1480
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg						6.7	
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-103	WT-SD-103	WT-SD-104	WT-SD-105	WT-SD-105	WT-SD-106	WT-SD-107
	Sample ID	1663939a	1663940	1663924	1663942	1663943	1663923	1663922
	Sample Date	10/01/1998	10/01/1998	09/30/1998	10/01/1998	10/01/1998	09/30/1998	09/30/1998
	Sample Time	13:40	13:50	15:07	14:10	14:15	14:25	14:20
	Sample Depth	2.0' - 4.0'	4.0' - 6.0'	0.5'	0.5'	0.5'	0.5'	0.5'
	Laboratory	accu	accu	accu	accu	accu	accu	accu
	Lab. Number	E40272-14	E40272-15	E40125-23	E40272-17	E40272-18	E40125-22	E40125-21
Constituent	Units							
Date Metals Analyzed	-	10/07/1998			10/13/1998		10/13/1998	
Date Organics Analyzed	-	10/15/1998			10/14/1998			
Date PCBs Analyzed	-	10/14/1998	10/14/1998	10/09/1998	10/14/1998	10/14/1998	10/09/1998	10/21/1998
Date Physical Analyzed	-	10/21/1998			10/21/1998		10/21/1998	
Date Semi-volatile Organics Analyzed	-	10/21/1998			10/21/1998		10/07/1998	
Arsenic	mg/kg	1.3			5.5			
Barium	mg/kg	62.5			66.3		59.4	
Cadmium	mg/kg	0.84			5.5		7.5	
Chromium	mg/kg	21.5			535		313 J	
Copper	mg/kg							
Lead	mg/kg	41.6			182		147 J	
Mercury	mg/kg	0.28			1.0		0.82	
Nickel	mg/kg							
Silver	mg/kg				21.3		16.7	
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg						2160	
PCB 1254	µg/kg	188	1180	31.8	10900	11900 E	6190	3770
PCB 1260	µg/kg	76.8 J	514 J		6130 J	6660 J	1000 J	808
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg	38.7			55.3		765	
Acenaphthene	µg/kg	14.6 J j			72.1 J		45.8 J	
Acenaphthylene	µg/kg				59.2 J		99.6 J	
Anthracene	µg/kg				198 J		124 J	
Benzo[a]anthracene	µg/kg	63.1 J j			705		486	
Benzo[a]pyrene	µg/kg	81.4 J j			785		529	
Benzo[b]fluoranthene	µg/kg	75.2 J j			810		527	

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-103	WT-SD-103	WT-SD-104	WT-SD-105	WT-SD-105	WT-SD-106	WT-SD-107
Sample ID	1663939a	1663940	1663924	1663942	1663943	1663923	1663922	
Sample Date	10/01/1998	10/01/1998	09/30/1998	10/01/1998	10/01/1998	09/30/1998	09/30/1998	
Sample Time	13:40	13:50	15:07	14:10	14:15	14:25	14:20	
Sample Depth	2.0' - 4.0'	4.0' - 6.0'	0.5'	0.5'	0.5'	0.5'	0.5'	0.5'
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E40272-14	E40272-15	E40125-23	E40272-17	E40272-18	E40125-22	E40125-21	
Constituent	Units							
Benzo[ghi]perylene	µg/kg				416		308	
Benzo[k]fluoranthene	µg/kg	73.4 J j			815		494	
Bis(2-ethylhexyl)phthalate	µg/kg				218 J		1100	
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg	74.7 J j			841		598	
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg				156 J		134 J	
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg	146 J j			1610		987	
Fluorene	µg/kg				71.7 J		72.6 J	
Indeno(1,2,3-cd)pyrene	µg/kg				327		251	
Methylnaphthalene,2-	µg/kg				12.6 J			
Naphthalene	µg/kg				29.1 J			
Phenanthrene	µg/kg	54.1 J j			750		394	
Pyrene	µg/kg	109 J j			1190		812	
Acetone	µg/kg	145						
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg	55.7 J						
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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	Location ID	WT-SD-109	WT-SD-11	WT-SD-110	WT-SD-110	WT-SD-111	WT-SD-112	WT-SD-112
	Sample ID	1663920	1653119	1663918	1663919	1663909	1663907	1663908
	Sample Date	09/30/1998	01/13/1998	09/30/1998	09/30/1998	09/30/1998	09/29/1998	09/29/1998
	Sample Time	13:55	15:10	13:26	13:40	09:46	16:00	16:00
	Sample Depth	0.5'		0.5' - 2'	2' - 4'	0.5'	0.5'	0.5'
	Laboratory	accu						
	Lab. Number	E40125-19	E29784-32	E40125-18	E40125-27	E40125-9	E40125-5	E40125-8
Constituent	Units							
Date Metals Analyzed	-					10/10/1998	10/13/1998	10/07/1998
Date Organics Analyzed	-							10/08/1998
Date PCBs Analyzed	-	10/27/1998	01/18/1998	10/27/1998	10/10/1998		10/29/1998	10/24/1998
Date Physical Analyzed	-					10/21/1998	10/21/1998	10/21/1998
Date Semi-volatile Organics Analyzed	-					10/07/1998	10/07/1998	10/07/1998
Arsenic	mg/kg					8.1	16.4	13.7
Barium	mg/kg					63	494	177
Cadmium	mg/kg						103	11.2
Chromium	mg/kg					18.1 J	7390 J	82.2 J
Copper	mg/kg							
Lead	mg/kg					70.2 J	1400 J	2890 J
Mercury	mg/kg						9.2	0.66
Nickel	mg/kg							
Silver	mg/kg						444	
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	64.5	373	97000	1140		274000	27400
PCB 1254	µg/kg	201	613	72900	1560		282000	24200
PCB 1260	µg/kg	104	505	16600	285		40200	4000
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg					861	24100	21600
Acenaphthene	µg/kg					1580 J		779 J
Acenaphthylene	µg/kg					4870		632 J
Anthracene	µg/kg					5520		2170 J
Benzo[a]anthracene	µg/kg					24500	4300 J	10600
Benzo[a]pyrene	µg/kg					24000	3690 J	12900
Benzo[b]fluoranthene	µg/kg					24900	4820 J	15100

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-109	WT-SD-11	WT-SD-110	WT-SD-110	WT-SD-111	WT-SD-112	WT-SD-112
	Sample ID	1663920	1653119	1663918	1663919	1663909	1663907	1663908
	Sample Date	09/30/1998	01/13/1998	09/30/1998	09/30/1998	09/30/1998	09/29/1998	09/29/1998
	Sample Time	13:55	15:10	13:26	13:40	09:46	16:00	16:00
	Sample Depth	0.5'		0.5' - 2'	2' - 4'	0.5'	0.5'	0.5'
	Laboratory	accu						
	Lab. Number	E40125-19	E29784-32	E40125-18	E40125-27	E40125-9	E40125-5	E40125-8
Constituent	Units							
Benzo[ghi]perylene	µg/kg					10300	2520 J	6840
Benzo[k]fluoranthene	µg/kg					11300	3250 J	9750
Bis(2-ethylhexyl)phthalate	µg/kg						43900	7650
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg					26000	7700	16500
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg					4970		2800 J
Dibenzofuran	µg/kg					1250 J		
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg					51700		30300
Fluorene	µg/kg					3090		1170 J
Indeno(1,2,3-cd)pyrene	µg/kg					9870	2200 J	6830
Methylnaphthalene,2-	µg/kg					464 J		
Naphthalene	µg/kg					445 J		
Phenanthrene	µg/kg					24200	5340 J	7600
Pyrene	µg/kg					41700	11800	23300
Acetone	µg/kg							61.4 J
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							30.9 J
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown

2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford; Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-113	WT-SD-113	WT-SD-114	WT-SD-114	WT-SD-114	WT-SD-114	WT-SD-115
Sample ID	1663905	1663906	1663927	1663928	1663929	1663930	1663931	
Sample Date	09/29/1998	09/29/1998	10/01/1998	10/01/1998	10/01/1998	10/01/1998	10/01/1998	10/01/1998
Sample Time	15:30	15:40	09:40	09:50	09:55	10:00		10:20
Sample Depth	0.5'	0.5'	0' - 0.5'	0.5' - 2.0'	2.0' - 4.0'	4.0' - 6.0'		0.5'
Laboratory	accu	accu	accu	accu	accu	accu		accu
Lab. Number	E40125-3	E40125-4	E40272-1	E40272-2	E40272-3	E40272-4		E40272-5
Constituent	Units							
Date Metals Analyzed	-			10/13/1998	10/13/1998	10/13/1998		
Date Organics Analyzed	-				10/14/1998	10/15/1998		
Date PCBs Analyzed	-	10/24/1998	10/27/1998	10/14/1998	10/14/1998	10/12/1998	10/13/1998	10/13/1998
Date Physical Analyzed	-			10/21/1998	10/21/1998	10/21/1998		
Date Semi-volatile Organics Analyzed	-			10/21/1998	10/21/1998	10/21/1998		
Arsenic	mg/kg			22	8.8	3.5		
Barium	mg/kg			90.6	54.4	31.4		
Cadmium	mg/kg			27.2	24.3	20.2		
Chromium	mg/kg			2550	5820	6930		
Copper	mg/kg							
Lead	mg/kg			606	221	90.3		
Mercury	mg/kg			4.3	1.9			
Nickel	mg/kg							
Silver	mg/kg			56.1	19.1	3.1		
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	32500	283000		8190			
PCB 1254	µg/kg	39600	263000	2850	16200 E	360	238	4090
PCB 1260	µg/kg	26300	35500	1860 J	3380 J	52.9 J	172 J	994 J
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg			1390	675	10100		
Acenaphthene	µg/kg			80 J	5440	268 J		
Acenaphthylene	µg/kg			139 J				
Anthracene	µg/kg			253	11700	225 J		
Benzo[a]anthracene	µg/kg			1410	19300	640		
Benzo[a]pyrene	µg/kg			1430	17200	716		
Benzo[b]fluoranthene	µg/kg			1610	15400	686		

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-113	WT-SD-113	WT-SD-114	WT-SD-114	WT-SD-114	WT-SD-114	WT-SD-115
	Sample ID	1663905	1663906	1663927	1663928	1663929	1663930	1663931
	Sample Date	09/29/1998	09/29/1998	10/01/1998	10/01/1998	10/01/1998	10/01/1998	10/01/1998
	Sample Time	15:30	15:40	09:40	09:50	09:55	10:00	10:20
	Sample Depth	0.5'	0.5'	0' - 0.5'	0.5' - 2.0'	2.0' - 4.0'	4.0' - 6.0'	0.5'
	Laboratory	accu	accu	accu	accu	accu	accu	accu
	Lab. Number	E40125-3	E40125-4	E40272-1	E40272-2	E40272-3	E40272-4	E40272-5
Constituent	Units							
Benzo[ghi]perylene	µg/kg			761	5980	258 J		
Benzo[k]fluoranthene	µg/kg			1360	14300	727		
Bis(2-ethylhexyl)phthalate	µg/kg			310				
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg			1700	18800	757		
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg			296	3170			
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg			3100	50900	1660		
Fluorene	µg/kg			116 J	6440	306 J		
Indeno(1,2,3-cd)pyrene	µg/kg			589	5960	250 J		
Methylnaphthalene,2-	µg/kg			75.9 J	1290			
Naphthalene	µg/kg			59.4 J	4140			
Phenanthrene	µg/kg			1210	44800	490		
Pyrene	µg/kg			2250	32900	1750		
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg				14.9 J			
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg					232 J		
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-116	WT-SD-116	WT-SD-117	WT-SD-117	WT-SD-117	WT-SD-12	WT-SD-120
Sample ID	1663932	1663933	1663910	1663911	1663912	1653120	1663903	
Sample Date	10/01/1998	10/01/1998	09/30/1998	09/30/1998	09/30/1998	01/13/1998		09/29/1998
Sample Time	10:25	10:27	10:10	10:17	10:27	15:15		15:10
Sample Depth	0.5'	0.5'	0' - 0.5'	0.5' - 2.0'	2' - 4'			0.5'
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E40272-6	E40272-7	E40125-10	E40125-11	E40125-12	E29784-33		E40125-1
Constituent	Units							
Date Metals Analyzed	-				10/13/1998			10/10/1998
Date Organics Analyzed	-				10/09/1998			10/08/1998
Date PCBs Analyzed	-	10/13/1998	10/13/1998	10/21/1998	10/24/1998	10/27/1998	01/20/1998	10/21/1998
Date Physical Analyzed	-				10/21/1998			10/21/1998
Date Semi-volatile Organics Analyzed	-				10/07/1998			10/07/1998
Arsenic	mg/kg				11			4.2
Barium	mg/kg				215			80.4
Cadmium	mg/kg				50.8			1.8
Chromium	mg/kg				1570 J			45.6 J
Copper	mg/kg							
Lead	mg/kg				642 J			109 J
Mercury	mg/kg				3.4			
Nickel	mg/kg							
Silver	mg/kg				61.9			
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg			2410	16900	65100	1400	
PCB 1254	µg/kg			6320	23300	83300	2940	3720
PCB 1260	µg/kg	177 J	175 J	3210	9620	17400	2390	1220
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg				23300			134
Acenaphthene	µg/kg				226 J			
Acenaphthylene	µg/kg				335 J			
Anthracene	µg/kg				574 J			
Benz[a]anthracene	µg/kg				2640			540 J
Benz[a]pyrene	µg/kg				3040			554 J
Benzo[b]fluoranthene	µg/kg				3740			420 J

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-116	WT-SD-116	WT-SD-117	WT-SD-117	WT-SD-117	WT-SD-12	WT-SD-120
Sample ID	1663932	1663933	1663910	1663911	1663912	1653120	1663903	
Sample Date	10/01/1998	10/01/1998	09/30/1998	09/30/1998	09/30/1998	01/13/1998		09/29/1998
Sample Time	10:25	10:27	10:10	10:17	10:27		15:15	15:10
Sample Depth	0.5'	0.5'	0' - 0.5'	0.5' - 2.0'	2' - 4'			0.5'
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E40272-6	E40272-7	E40125-10	E40125-11	E40125-12	E29784-33		E40125-1
Constituent	Units							
Benzo[ghi]perylene	µg/kg			1370				186 J
Benzo[k]fluoranthene	µg/kg			3320				572 J
Bis(2-ethylhexyl)phthalate	µg/kg			5660				
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg			3910				615 J
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg			674 J				
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg			7280				941 J
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg			1320				241 J
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg			1920				325 J
Pyrene	µg/kg			5130				813 J
Acetone	µg/kg			130				94.3
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg			36.7				44.5
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-121	WT-SD-121	WT-SD-121	WT-SD-122	WT-SD-123	WT-SD-123	WT-SD-13
Sample ID	1663914	1663915	1663916	1663934	1663935	1663937	1653077	
Sample Date	09/30/1998	09/30/1998	09/30/1998	10/01/1998	10/01/1998	10/01/1998	01/12/1998	
Sample Time	10:55	11:10	11:20	10:40	11:10	11:25		14:35
Sample Depth	0' - 0.5'	0.5' - 2.0'	2' - 4'	0.5'	0.0' - 0.5'	2.0' - 6.0'		
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E40125-14	E40125-15	E40125-16	E40272-8	E40272-9	E40272-11		E29782-5
Constituent	Units							
Date Metals Analyzed	-	10/13/1998	10/13/1998	10/13/1998		10/13/1998		
Date Organics Analyzed	-	10/09/1998	10/10/1998	10/10/1998		10/13/1998		
Date PCBs Analyzed	-	10/24/1998	10/21/1998	10/27/1998	10/13/1998	10/13/1998	10/14/1998	01/19/1998
Date Physical Analyzed	-	10/21/1998	10/21/1998	10/21/1998		10/21/1998		
Date Semi-volatile Organics Analyzed	-	10/07/1998	10/07/1998			10/21/1998		
Arsenic	mg/kg	10.9	1.9			3.5		
Barium	mg/kg	293	42.4			24.7		
Cadmium	mg/kg	39.7	1.8			3.1		
Chromium	mg/kg	1690 J	67.6 J	13 J		393		
Copper	mg/kg							
Lead	mg/kg	1070 J	44 J			41		
Mercury	mg/kg	5.0	0.34			0.51		
Nickel	mg/kg							
Silver	mg/kg	88.8	2.5			1.1		
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	5370	714	159				288
PCB 1254	µg/kg	14400	934	223	325			777
PCB 1260	µg/kg	10400	465	108	142 J	131 J	73.9 J	978
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg	1250	171	43.8		389		
Acenaphthene	µg/kg					111 J		
Acenaphthylene	µg/kg					26.1 J		
Anthracene	µg/kg	860 J	34.5 J			239		
Benzo[a]anthracene	µg/kg	3500 J	129 J			737		
Benzo[a]pyrene	µg/kg	4300 J	145 J			734		
Benzo[b]fluoranthene	µg/kg	3580 J	126 J			913		

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-121	WT-SD-121	WT-SD-121	WT-SD-122	WT-SD-123	WT-SD-123	WT-SD-13
	Sample ID	1663914	1663915	1663916	1663934	1663935	1663937	1653077
	Sample Date	09/30/1998	09/30/1998	09/30/1998	10/01/1998	10/01/1998	10/01/1998	01/12/1998
	Sample Time	10:55	11:10	11:20	10:40	11:10	11:25	14:35
	Sample Depth	0' - 0.5'	0.5' - 2.0'	2' - 4'	0.5'	0.0' - 0.5'	2.0' - 6.0'	
	Laboratory	accu	accu	accu	accu	accu	accu	accu
	Lab. Number	E40125-14	E40125-15	E40125-16	E40272-8	E40272-9	E40272-11	E29782-5
Constituent	Units							
Benzo[ghi]perylene	µg/kg	2280 J	94.8 J			334		
Benzo[k]fluoranthene	µg/kg	3990 J	128 J			472		
Bis(2-ethylhexyl)phthalate	µg/kg	2790 J	148 J					
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg	4770 J	201 J			832		
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg					162 J		
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg	8340	332			1710		
Fluorene	µg/kg					102 J		
Indeno(1,2,3-cd)pyrene	µg/kg	2310 J	82.5 J			292		
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg					41.6 J		
Phenanthrene	µg/kg	3220 J	118 J			950		
Pyrene	µg/kg	6920	328			1220		
Acetone	µg/kg	281 J	12.1	8.4				
Benzene	µg/kg							
Carbon Disulfide	µg/kg	12.1 J						
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg	98 J						
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-14	WT-SD-15	WT-SD-16	WT-SD-17	WT-SD-18	WT-SD-19	WT-SD-20
	Sample ID	1653082	1653117	1653118	1653079	1653088	1653116	1653080
	Sample Date	01/12/1998	01/13/1998	01/13/1998	01/12/1998	01/13/1998	01/13/1998	01/12/1998
	Sample Time	15:06	14:50	14:55	14:54	09:30	14:15	14:55
	Sample Depth							
	Laboratory	accu						
	Lab. Number	E29782-10	E29784-30	E29784-31	E29782-7	E29784-1	E29784-29	E29782-8
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/19/1998	01/18/1998	01/18/1998	01/19/1998	01/17/1998	01/18/1998	01/19/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	13900	2440	643	5420	1710	719	2080
PCB 1254	µg/kg	21800	2600	784	4930	5360	904	9900
PCB 1260	µg/kg	11900	2740	823	3580	2540	763	9000
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-14	WT-SD-15	WT-SD-16	WT-SD-17	WT-SD-18	WT-SD-19	WT-SD-20
Sample ID	1653082	1653117	1653118	1653079	1653088	1653116	1653080	
Sample Date	01/12/1998	01/13/1998	01/13/1998	01/12/1998	01/13/1998	01/13/1998	01/13/1998	01/12/1998
Sample Time	15:06	14:50	14:55	14:54	09:30	14:15		14:55
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29782-10	E29784-30	E29784-31	E29782-7	E29784-1	E29784-29		E29782-8
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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	Location ID	WT-SD-21	WT-SD-22	WT-SD-23	WT-SD-24	WT-SD-25	WT-SD-26	WT-SD-27
Sample ID	1653089	1653115	1653091	1653090	1653114	1653092	1653113	
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	09:35	14:10	09:45	09:40	14:05	09:55	14:00	
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29784-2	E29784-28	E29784-4	E29784-3	E29784-27	E29784-5	E29784-26	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/17/1998	01/20/1998	01/19/1998	01/17/1998	01/18/1998	01/17/1998	01/18/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	555	1530	2890	340	1180	569	1240
PCB 1254	µg/kg	1490	3050	3880	592	1250	848	1580
PCB 1260	µg/kg	1580	2480	4970	443	909	760	1100
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-21	WT-SD-22	WT-SD-23	WT-SD-24	WT-SD-25	WT-SD-26	WT-SD-27
Sample ID	1653089	1653115	1653091	1653090	1653114	1653092	1653113	
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	09:35	14:10	09:45	09:40	14:05	09:55	14:00	
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29784-2	E29784-28	E29784-4	E29784-3	E29784-27	E29784-5	E29784-26	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-28	WT-SD-29	WT-SD-30	WT-SD-31	WT-SD-32	WT-SD-33	WT-SD-33
	Sample ID	1653094	1653095	1653093	1653098	1653096	1653097	1653097
	Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998
	Sample Time	10:10	10:17	10:00	10:45	10:20	10:25	10:25
	Sample Depth							
	Laboratory	accu						
	Lab. Number	E29784-7	E29784-8	E29784-6	E29784-11	E29784-9	E29784-10	E29784-10R
Constituent	Units							
Date Metals Analyzed	-							01/29/1998
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/19/1998	01/17/1998	01/19/1998	01/20/1998	01/19/1998	01/21/1998	
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							0.021
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	886	1040	11300	5590	3300	154000	
PCB 1254	µg/kg	6580	1840	12000	7980	7660	193000	
PCB 1260	µg/kg	5940	1980	3640	1850	7950	270000	
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-28	WT-SD-29	WT-SD-30	WT-SD-31	WT-SD-32	WT-SD-33	WT-SD-33
Sample ID	1653094	1653095	1653093	1653098	1653096	1653097	1653097	1653097
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	10:10	10:17	10:00	10:45	10:20	10:25		
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29784-7	E29784-8	E29784-6	E29784-11	E29784-9	E29784-10		E29784-10R
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-34	WT-SD-35	WT-SD-35	WT-SD-36	WT-SD-36	WT-SD-37	WT-SD-38
Sample ID	1653083	1653084	1653084	1653085	1653086	1653112	1653110	1653110
Sample Date	01/12/1998	01/12/1998	01/12/1998	01/12/1998	01/12/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	15:42	16:36	16:36	16:40	16:40	13:45	13:40	
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29782-11	E29782-12	E29782-12R	E29782-13	E29782-14	E29784-25	E29784-23	
Constituent	Units							
Date Metals Analyzed	-			01/29/1998				
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/17/1998	01/19/1998		01/20/1998	01/20/1998	01/20/1998	01/18/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg			1.1				
Cadmium	mg/kg			0.063				
Chromium	mg/kg			0.035				
Copper	mg/kg							
Lead	mg/kg			0.72				
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	737	10100		1140	1180	4470	577
PCB 1254	µg/kg	1260	29600		1960	3060	5600	599
PCB 1260	µg/kg	1220	13100		4330	4600	5600	391
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-34	WT-SD-35	WT-SD-35	WT-SD-36	WT-SD-36	WT-SD-37	WT-SD-38
	Sample ID	1653083	1653084	1653084	1653085	1653086	1653112	1653110
	Sample Date	01/12/1998	01/12/1998	01/12/1998	01/12/1998	01/12/1998	01/13/1998	01/13/1998
	Sample Time	15:42	16:36	16:36	16:40	16:40	13:45	13:40
	Sample Depth							
	Laboratory	accu						
	Lab. Number	E29782-11	E29782-12	E29782-12R	E29782-13	E29782-14	E29784-25	E29784-23
Constituent	Units							
Benzol[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-38	WT-SD-39	WT-SD-39	WT-SD-39	WT-SD-40	WT-SD-41	WT-SD-42
Sample ID	1653111	1653099	1653099	1653101	1653100	1653109	1653102	
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	13:40	10:55	10:55	10:55	11:00	13:35		11:05
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29784-24	E29784-12	E29784-12R	E29784-14	E29784-13	E29784-22	E29784-15	
Constituent	Units							
Date Metals Analyzed	-			01/29/1998				
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/18/1998	01/20/1998		01/20/1998	01/20/1998	01/18/1998	01/17/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg			0.052				
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	702	18800		17000	5350	802	289
PCB 1254	µg/kg	904	27100		23500	6440	696	346
PCB 1260	µg/kg	734	34000		29700	5380	694	269
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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	Location ID	WT-SD-38	WT-SD-39	WT-SD-39	WT-SD-39	WT-SD-40	WT-SD-41	WT-SD-42
Sample ID	1653111	1653099	1653099	1653101	1653100	1653109	1653102	
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	13:40	10:55	10:55	10:55	11:00	13:35		11:05
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29784-24	E29784-12	E29784-12R	E29784-14	E29784-13	E29784-22	E29784-15	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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	Location ID	WT-SD-43	WT-SD-44	WT-SD-45	WT-SD-46	WT-SD-47	WT-SD-48	WT-SD-49
Sample ID	1653103	1653108	1653104	1653105	1653127	1653106	1653107	
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/14/1998	01/13/1998	01/13/1998	
Sample Time	11:25	13:30	11:30	11:35	10:10	11:40		13:25
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E29784-16	E29784-21	E29784-17	E29784-18	E29836-5	E29784-19		E29784-20
Constituent	Units							
Date Metals Analyzed	-					01/21/1998		
Date Organics Analyzed	-					01/16/1998		
Date PCBs Analyzed	-	01/17/1998	01/17/1998	01/17/1998	01/17/1998	01/19/1998	01/20/1998	01/17/1998
Date Physical Analyzed	-					01/16/1998		
Date Semi-volatile Organics Analyzed	-					01/19/1998		
Arsenic	mg/kg					1.5		
Barium	mg/kg					37.7		
Cadmium	mg/kg					0.98		
Chromium	mg/kg					41.8		
Copper	mg/kg							
Lead	mg/kg					153		
Mercury	mg/kg					0.18		
Nickel	mg/kg					36.4		
Silver	mg/kg							
Zinc	mg/kg					152		
PCB 1242	µg/kg							
PCB 1248	µg/kg	1560	159	1050	547	388	1620	1180
PCB 1254	µg/kg	1270	227	897	548	923	2840	875
PCB 1260	µg/kg	1000	141	1070	226	822	3130	406
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg					1160		
Acenaphthene	µg/kg					32400		
Acenaphthylene	µg/kg					2510		
Anthracene	µg/kg					95500		
Benzo[a]anthracene	µg/kg					208000		
Benzo[a]pyrene	µg/kg					183000		
Benzo[b]fluoranthene	µg/kg					147000		

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	Location ID	WT-SD-43	WT-SD-44	WT-SD-45	WT-SD-46	WT-SD-47	WT-SD-48	WT-SD-49
Sample ID	1653103	1653108	1653104	1653105	1653127	1653106	1653107	1653107
Sample Date	01/13/1998	01/13/1998	01/13/1998	01/13/1998	01/14/1998	01/13/1998	01/13/1998	01/13/1998
Sample Time	11:25	13:30	11:30	11:35	10:10	11:40		13:25
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29784-16	E29784-21	E29784-17	E29784-18	E29836-5	E29784-19	E29784-20	
Constituent	Units							
Benzo[ghi]perylene	µg/kg					132000		
Benzo[k]fluoranthene	µg/kg					41200		
Bis(2-ethylhexyl)phthalate	µg/kg					2420		
Butyl Benzyl Phthalate	µg/kg					774		
Chrysene	µg/kg					232000		
Cresol,2-	µg/kg					351 J		
Cresols	µg/kg					1140 J		
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg					40800		
Dibenzofuran	µg/kg					26900		
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg					559 J		
Fluoranthene	µg/kg					537000		
Fluorene	µg/kg					44000		
Indeno(1,2,3-cd)pyrene	µg/kg					123000		
Methylnaphthalene,2-	µg/kg					10000		
Naphthalene	µg/kg					25100		
Phenanthrene	µg/kg					514000		
Pyrene	µg/kg					480000		
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg					10		
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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	Location ID	WT-SD-50	WT-SD-51	WT-SD-52	WT-SD-53	WT-SD-54	WT-SD-55	WT-SD-56
	Sample ID	1653087	1653128	1653129	1653130	1653131	1653132	1653133
	Sample Date	01/12/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998
	Sample Time	16:45	11:55	12:00	12:15	13:25	13:50	14:00
	Sample Depth							
	Laboratory	accu						
	Lab. Number	E29782-15	E29836-6	E29836-7	E29836-8	E29836-9	E29836-10	E29836-11
Constituent	Units							
Date Metals Analyzed	-							01/21/1998
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/20/1998	01/19/1998	01/19/1998	01/19/1998	01/19/1998	01/19/1998	01/19/1998
Date Physical Analyzed	-							01/16/1998
Date Semi-volatile Organics Analyzed	-							01/16/1998
Arsenic	mg/kg							
Barium	mg/kg							27.6
Cadmium	mg/kg							1.3
Chromium	mg/kg							28.6
Copper	mg/kg							
Lead	mg/kg							71.6
Mercury	mg/kg							0.52
Nickel	mg/kg							18.2
Silver	mg/kg							1.3
Zinc	mg/kg							76.8
PCB 1242	µg/kg							
PCB 1248	µg/kg	993	185	83000	759	2320	352	185
PCB 1254	µg/kg	4190	1820	215000	2840	13600	3200	864
PCB 1260	µg/kg	4780	631	29400	638	5850	736	313
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							296
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							47.8
Anthracene	µg/kg							53.4
Benz[a]anthracene	µg/kg							221
Benz[a]pyrene	µg/kg							283
Benz[b]fluoranthene	µg/kg							259

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	Location ID	WT-SD-50	WT-SD-51	WT-SD-52	WT-SD-53	WT-SD-54	WT-SD-55	WT-SD-56
Sample ID	1653087	1653128	1653129	1653130	1653131	1653132	1653133	
Sample Date	01/12/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998	01/14/1998
Sample Time	16:45	11:55	12:00	12:15	13:25	13:50		14:00
Sample Depth								
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29782-15	E29836-6	E29836-7	E29836-8	E29836-9	E29836-10	E29836-11	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							265
Benzo[k]fluoranthene	µg/kg							229
Bis(2-ethylhexyl)phthalate	µg/kg							270
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							299
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							56.8
Dibenzo[a,h]anthracene	µg/kg							99.9
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							28.2 J
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							477
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							214
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							226
Pyrene	µg/kg							466
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-57	WT-SD-58	WT-SD-59	WT-SD-67	WT-SD-68	WT-SD-69	WT-SD-70
Sample ID	1653134	1653135	1653136	1653122	1653074	1653078	1653073	1653073
Sample Date	01/14/1998	01/14/1998	01/14/1998	01/13/1998	01/12/1998	01/12/1998	01/12/1998	01/12/1998
Sample Time	14:20	14:30	14:40	15:25	14:00	14:46	14:10	
Sample Depth								3'
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29836-12	E29836-13	E29836-14	E29784-35	E29782-1	E29782-6	E29782-2	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/19/1998	01/19/1998	01/19/1998	01/20/1998	01/19/1998	01/19/1998	01/19/1998
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	42.1	81	114	19400	28300	936	18400
PCB 1254	µg/kg	170	357	578	27700	33100	9270	20000
PCB 1260	µg/kg	39.8	80.4	186	15300	16500	5180	9800
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-57	WT-SD-58	WT-SD-59	WT-SD-67	WT-SD-68	WT-SD-69	WT-SD-70
Sample ID	1653134	1653135	1653136	1653122	1653074	1653078	1653073	
Sample Date	01/14/1998	01/14/1998	01/14/1998	01/13/1998	01/12/1998	01/12/1998	01/12/1998	
Sample Time	14:20	14:30	14:40	15:25	14:00	14:46		14:10
Sample Depth								3'
Laboratory	accu	accu	accu	accu	accu	accu	accu	accu
Lab. Number	E29836-12	E29836-13	E29836-14	E29784-35	E29782-1	E29782-6	E29782-2	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-71	WT-SD-72	WT-SD-72	WT-SD-73	WT-SD-73	WT-SD-74	WT-SD-74
	Sample ID	1653121	1655941	1655946	1655935	1655936	1655930	1655932
	Sample Date	01/13/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998
	Sample Time	15:20	13:50	13:55	12:15	12:16	11:25	11:27
	Sample Depth		0' - 2'	10' - 12'	0' - 2'	0' - 2'	0' - 2'	4' - 6'
	Laboratory	accu						
	Lab. Number	E29784-34	E32169-12	E32169-17	E32169-6	E32169-7	E32169-1	E32169-3
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/20/1998	03/26/1998	03/25/1998	03/26/1998	03/26/1998	03/25/1998	03/24/1998
Date Physical Analyzed	-		03/25/1998		03/25/1998	03/25/1998	03/25/1998	
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	23500	126000		18100	19700	1300	33
PCB 1254	µg/kg	25400	115000	21.7	20800	21400	1710	40.4
PCB 1260	µg/kg	18700	17200		10200	9850	1010	24.8
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg		115000		117000	124000	134000	
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-71	WT-SD-72	WT-SD-72	WT-SD-73	WT-SD-73	WT-SD-74	WT-SD-74
Sample ID	1653121	1655941	1655946	1655935	1655936	1655930	1655932	
Sample Date	01/13/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998	03/18/1998
Sample Time	15:20	13:50	13:55	12:15	12:16	11:25		11:27
Sample Depth		0' - 2'	10' - 12'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	4' - 6'
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E29784-34	E32169-12	E32169-17	E32169-6	E32169-7	E32169-1	E32169-3	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
P&W East Hartford: Willow Brook/Willow Pond

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-75	WT-SD-75	WT-SD-75	WT-SD-76	WT-SD-76	WT-SD-77	WT-SD-78
Sample ID	1655917	1655919	1655920	1655955	1655956	1655748	1655741	
Sample Date	03/17/1998	03/17/1998	03/17/1998	03/18/1998	03/18/1998	03/17/1998	03/17/1998	
Sample Time	16:00	16:02	:	15:09	15:10	15:10	14:01	
Sample Depth	0' - 2'	4' - 6'	6' - 8.0'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E32168-24	E32168-26	E32168-27	E32169-26	E32169-27	E32168-14	E32168-7	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	03/26/1998	03/26/1998	03/26/1998	03/26/1998	03/26/1998	03/25/1998	03/25/1998
Date Physical Analyzed	-	03/21/1998					03/21/1998	
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	19700		21.6	3080	57.9	27200	39200
PCB 1254	µg/kg	28600	37		4460	200	20300	30600
PCB 1260	µg/kg	19400			3500	47	3680	3920
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg	162000					50700	
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-75	WT-SD-75	WT-SD-75	WT-SD-76	WT-SD-76	WT-SD-77	WT-SD-78
	Sample ID	1655917	1655919	1655920	1655955	1655956	1655748	1655741
	Sample Date	03/17/1998	03/17/1998	03/17/1998	03/18/1998	03/18/1998	03/17/1998	03/17/1998
	Sample Time	16:00	16:02	:	15:09	15:10	15:10	14:01
	Sample Depth	0' - 2'	4' - 6'	6' - 8.0'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	accu						
	Lab. Number	E32168-24	E32168-26	E32168-27	E32169-26	E32169-27	E32168-14	E32168-7
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-78	WT-SD-79	WT-SD-79	WT-SD-92	WT-SD-92	WT-SD-93	WT-SD-93
Sample ID	1655743	1655735	1655737	1655690	1655691	1655692	1655693	1655693
Sample Date	03/17/1998	03/17/1998	03/17/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998
Sample Time	14:03	12:00	12:02	14:10	14:15	14:25	14:30	
Sample Depth	8.0' - 9.5'	0' - 2'	4' - 6'	0' - .5'	1.5' - 2.0'	0.0' - 0.5'	1.5' - 2.0'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E32168-9	E32168-1	E32168-3	E32062-18	E32062-19	E32062-20	E32062-21	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	03/21/1998	03/25/1998	03/21/1998	03/24/1998	03/24/1998	03/21/1998	03/19/1998
Date Physical Analyzed	-		03/21/1998			03/20/1998		
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
PCB 1242	µg/kg							
PCB 1248	µg/kg	179	32500	151	113000	809	10700	1980
PCB 1254	µg/kg	155	32500	132	150000	1260	22500	2330
PCB 1260	µg/kg	52.5	4600	112	36000	509	12700	1350
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg		159000			193000		
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-78	WT-SD-79	WT-SD-79	WT-SD-92	WT-SD-92	WT-SD-93	WT-SD-93
Sample ID	1655743	1655735	1655737	1655690	1655691	1655692	1655693	1655693
Sample Date	03/17/1998	03/17/1998	03/17/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998	03/13/1998
Sample Time	14:03	12:00	12:02	14:10	14:15	14:25	14:30	
Sample Depth	8.0' - 9.5'	0' - 2'	4' - 6'	0' - .5'	1.5' - 2.0'	0.0' - 0.5'	1.5' - 2.0'	
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E32168-9	E32168-1	E32168-3	E32062-18	E32062-19	E32062-20	E32062-21	
Constituent	Units							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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	Location ID	WT-SD-95	WT-SD-95	WT-SD-96	WT-SD-97	WT-SD-98	WT-SD-99	
Sample ID	1655694	1655695	1659301	1659302	1659303	1659304		
Sample Date	03/13/1998	03/13/1998	06/10/1998	06/10/1998	06/10/1998	06/10/1998	06/11/1998	
Sample Time	14:35	14:40	15:30	15:40	16:00	16:00	14:30	
Sample Depth	0.0' - 0.5'	1.5' - 2.0'						
Laboratory	accu	accu	accu	accu	accu	accu	accu	
Lab. Number	E32062-22	E32062-23	E35672-1	E35672-2	E35672-3	E35672-3	E35672-3	
Constituent	Units							
Date Metals Analyzed	-			06/17/1998	06/17/1998	06/17/1998	06/17/1998	
Date Organics Analyzed	-							
Date PCBs Analyzed	-	03/19/1998	03/21/1998	06/16/1998	06/16/1998	06/17/1998	06/17/1998	
Date Physical Analyzed	-		03/20/1998	07/01/1998	07/01/1998	07/01/1998	07/01/1998	
Date Semi-volatile Organics Analyzed	-			06/19/1998	06/19/1998	06/19/1998	06/19/1998	
Arsenic	mg/kg			2.5	1.1	1.1	1.2	
Barium	mg/kg			51.0	21.0		25.0	
Cadmium	mg/kg			1.3				
Chromium	mg/kg			2.50	1.10	1.10	1.20	
Copper	mg/kg							
Lead	mg/kg			25.0	11.0	11.0		
Mercury	mg/kg				0.11			
Nickel	mg/kg			10.0	4.30	4.30	5.00	
Silver	mg/kg							
Zinc	mg/kg			5.10	2.10	2.10	2.50	
PCB 1242	µg/kg							
PCB 1248	µg/kg	24500	1990					
PCB 1254	µg/kg	16400	2180			10.0		
PCB 1260	µg/kg	2730	457	32.0	14.0	38.0		
Cyanide (Total)	mg/kg							
Total Organic Carbon	mg/kg		272000					
Total Petroleum Hydrocarbons	mg/kg			320	130	130		
Acenaphthene	µg/kg				130			
Acenaphthylene	µg/kg			193 J	160	160		
Anthracene	µg/kg			170	71.0	71.0		
Benzo[a]anthracene	µg/kg			180	75.0	74.0		
Benzo[a]pyrene	µg/kg			270	120	120		
Benzo[b]fluoranthene	µg/kg			220	94.0	94.0		

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	Location ID	WT-SD-95	WT-SD-95	WT-SD-96	WT-SD-97	WT-SD-98	WT-SD-99	
Sample ID	1655694	1655695	1659301	1659302	1659303	1659304		
Sample Date	03/13/1998	03/13/1998	06/10/1998	06/10/1998	06/10/1998	06/11/1998		
Sample Time	14:35	14:40	15:30	15:40	16:00	14:30		
Sample Depth	0.0' - 0.5'	1.5' - 2.0'						
Laboratory	accu	accu	accu	accu	accu	accu		
Lab. Number	E32062-22	E32062-23	E35672-1	E35672-2	E35672-3	E35673-1		
Constituent	Units							
Benzo[ghi]perylene	µg/kg		190	80.0				
Benzo[k]fluoranthene	µg/kg		310	130	130			
Bis(2-ethylhexyl)phthalate	µg/kg		420	180				
Butyl Benzyl Phthalate	µg/kg		270					
Chrysene	µg/kg		270	120	120			
Cresol,2-	µg/kg							
Cresols	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg			110				
Diethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Fluoranthene	µg/kg		210	89.0	88.0			
Fluorene	µg/kg			89.0				
Indeno(1,2,3-cd)pyrene	µg/kg		140	60.0	60.0			
Methylnaphthalene,2-	µg/kg			96.5 J				
Naphthalene	µg/kg			220 J				
Phenanthrrene	µg/kg		130	53.0	53.0			
Pyrene	µg/kg		200	85.0	85.0			
Acetone	µg/kg							
Benzene	µg/kg							
Carbon Disulfide	µg/kg							
Dichloroethane,1,1-	µg/kg							
Ethylbenzene	µg/kg							
Hexanone,2-	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							

Notes: 1. Only Detects Shown
 2. Printed on 04/14/99

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOILS
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